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## ENVIRONMENTAL RISK MANAGEMENT AUTHORITY

### HAZARDOUS SUBSTANCES (GROUP STANDARDS) NOTICE 2006

PURSUANT TO THE HAZARDOUS SUBSTANCES  
AND NEW ORGANISMS ACT 1996

**HAZARDOUS SUBSTANCES (GROUP STANDARDS) NOTICE 2006**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (the Act) the Environmental Risk Management Authority (the Authority), on its own initiative, issues these Group Standards.

**1 Citation**

This document shall be cited as the Hazardous Substances (Group Standards) Notice 2006 (Supplement to the *New Zealand Gazette*, Issue No. 74).

**2 Commencement**

These Group Standards come into force on 1 July 2006.

**3 Background**

The purpose of the Act is to protect the environment, and the health and safety of people and communities, by preventing or managing the adverse effects of hazardous substances and new organisms.

Part 6A of the Act enables the Authority to issue Group Standards. A Group Standard is an approval under the Act for a group of hazardous substances that are of a similar nature or type, or which have similar circumstances of use, such that the risks of the substances can be effectively managed by one set of conditions.

**4 Group Standards issued**

In this Supplement, notice is given by the Authority of the issuing of Group Standards for:

- additives, process chemicals and raw materials
- aerosols
- animal nutritional and animal care products
- class 4 substances
- class 5 substances
- cleaning products, including industrial and institutional cleaning products
- compressed gas mixtures
- construction products
- corrosion inhibitors
- cosmetic products
- denatured ethanol
- dental products
- embalming products
- fertilisers
- fire fighting chemicals
- food additives and fragrance materials
- fuel additives
- laboratory chemicals and reagent kits
- leather and textile products
- lubricants
- metal industry products
- N.O.S. (not otherwise specified)

- photographic chemicals
- polymers
- refining catalysts
- solvents
- surface coatings and colourants
- water treatment chemicals.

Hazardous substances covered by these Group Standards may be:

- (a) new substances that are manufactured or imported into New Zealand for the first time; or
- (b) substances that were notified as at 1 July 2001 under section 32 of the Toxic Substances Regulations 1979. These substances are commonly referred to as NOTS or notified toxic substances; or
- (c) substances that are already approved under the Act, including substances that may have been previously transferred or approved under Part 5 of the Act.

Each Group Standard has been assigned a HSNO Approval Number. For a hazardous substance to be approved under a Group Standard it must meet the parameters set out in clause 4 of the Standard (Scope of the Group Standard). It is the responsibility of the manufacturer or importer of a substance to determine whether a substance complies with these parameters.

If a substance does not comply with the scope of a Group Standard, then an approval must be obtained under the Act before it can be imported or manufactured in New Zealand.

## **5 Conditions to Group Standards**

Group Standards set conditions for the management of hazardous substances. These conditions are designed to manage any risk to people and the environment throughout the life-cycle of the substance. These include risks from manufacture or importation, storage and use, through to final disposal. Group Standards include conditions for:

- product labelling
- safety data sheets
- site and storage requirements, including test certification and emergency management
- approved handler and tracking
- packaging
- personal protective clothing and equipment
- transportation
- disposal
- exposure limits
- notification to the Authority.

Each Group Standard provides a period of “staged implementation” to allow persons dealing with hazardous substances time in which to comply with the new requirements. These transitional conditions include provisions for labelling, packaging, approved handler and emergency management.

The conditions imposed on a Group Standard issued under this notice are set out in the full Group Standard or its accompanying Site and Storage Conditions

Document. The Site and Storage Conditions Document is incorporated into the Group Standard by Reference.

The full Group Standard and the Site and Storage Conditions Document are available on the ERMA New Zealand web site (see contact details below).

## **6 New or amended Group Standards**

A Group Standard can be issued, amended or revoked by the Authority, either on its own initiative; or on application by any person.

Persons wishing to apply for a new Group Standard, or an amendment to an existing Standard, should contact the Applications Manager (Hazardous Substances), ERMA New Zealand, at the address below.

## **7 Availability and publication of Group Standards**

The Group Standards issued under this notice, and any materials incorporated into them by reference that are published by ERMA New Zealand may be—

- (a) viewed on the ERMA New Zealand web site; or
- (b) inspected free of charge during normal business hours at the ERMA New Zealand office; or
- (c) purchased from ERMA New Zealand, Public Awareness Group, Email [publicationinfo@ermanz.govt.nz](mailto:publicationinfo@ermanz.govt.nz).

Any materials incorporated by reference into a Group Standard that are published by any other party or organisation may be inspected free of charge during normal business hours at the ERMA New Zealand office.

### ERMA New Zealand Contact Details

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Note: Within each Part, Group Standards are ordered alphabetically by name and not numerically by HSNO Approval Number.



**PART 1: ADDITIVES, PROCESS CHEMICALS AND RAW MATERIALS  
GROUP STANDARDS**

Additives, process chemicals and raw materials (Combustible) Group Standard 2006

Additives, process chemicals and raw materials (Combustible, Toxic [6.7]) Group Standard 2006

Additives, process chemicals and raw materials (Corrosive) Group Standard 2006

Additives, process chemicals and raw materials (Corrosive, Combustible) Group Standard 2006

Additives, process chemicals and raw materials (Corrosive, Combustible, Toxic [6.7]) Group Standard 2006

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Additives, process chemicals and raw materials (Flammable) Group Standard 2006

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Additives, process chemicals and raw materials (Flammable, Toxic [6.1 + 6.7], Corrosive) Group Standard 2006

Additives, process chemicals and raw materials (Flammable, Toxic [6.1]) Group Standard 2006

Additives, process chemicals and raw materials (Flammable, Toxic [6.1], Corrosive) Group Standard 2006

Additives, process chemicals and raw materials (Flammable, Toxic [6.7]) Group Standard 2006

Additives, process chemicals and raw materials (Subsidiary Hazard) Group Standard 2006

Additives, process chemicals and raw materials (Toxic [6.1 + 6.7]) Group Standard 2006

Additives, process chemicals and raw materials (Toxic [6.1 + 6.7], Combustible) Group Standard 2006

Additives, process chemicals and raw materials (Toxic [6.1 + 6.7], Corrosive) Group Standard 2006

Additives, process chemicals and raw materials (Toxic [6.1 + 6.7], Corrosive, Combustible) Group Standard 2006

Additives, process chemicals and raw materials (Toxic [6.1]) Group Standard 2006

Additives, process chemicals and raw materials (Toxic [6.1], Combustible) Group Standard 2006

Additives, process chemicals and raw materials (Toxic [6.1], Corrosive) Group Standard 2006

Additives, process chemicals and raw materials (Toxic [6.1], Corrosive, Combustible) Group Standard 2006

Additives, process chemicals and raw materials (Toxic [6.7]) Group Standard 2006

### **Interpretation**

**additive** means any material added to another chemical or mixture of chemicals to change, improve or enhance its properties, characteristics or performance and includes process regulators, preservatives and surface-active agents

**intermediate** means a material created during the manufacture of a product, that may or may not be isolated or stored before being used or consumed in the subsequent manufacture of a product

**preservative** means any material used to prevent decomposition due to chemical change or microbial action, or to prevent microbial growth, but does not include a pesticide

**process chemical** means any material used to assist in the manufacture of a product with the appropriate processing equipment and machinery, for analytical, separation and purification purposes. Process chemicals do not form part of the final product

**process regulator** means any material used to regulate the speed of a chemical process

**raw material** means any material used in the manufacture of a product, and includes intermediates

**surface active agent** means any material used to lower the surface and/or interfacial tension of a liquid.





# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002490.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Combustible, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002513.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;

- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Additives, Process Chemicals and Raw Materials (Corrosive) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002491.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (6) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Corrosive, Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002492.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (b) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

**Additives, Process Chemicals and Raw Materials (Corrosive, Combustible, Toxic [6.7]) Group Standard 2006**

*HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002494.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

*Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (b) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification); and
  - (c) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Corrosive, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002493.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (6) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002495.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Flammable, Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002496.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;



- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Flammable, Corrosive, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002497.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (c) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;

- (f) contact sensitisation, HSNO 6.5B classification;
- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (6) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Flammable, Toxic [6.1 + 6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002498.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (c) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;

- (f) contact sensitisation, HSNO 6.5B classification;
- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (6) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

**Additives, Process Chemicals and Raw Materials (Flammable, Toxic [6.1 + 6.7], Corrosive) Group Standard 2006**

*HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002499.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

*Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (c) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (d) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;

- (e) respiratory sensitisation, HSNO 6.5A classification;
- (f) contact sensitisation, HSNO 6.5B classification;
- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (6) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Flammable, Toxic [6.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002500.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) an acute toxicant (HSNO 6.1B or 6.1C classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;



- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 22 of Schedule 1 is complied with.
- (6) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Flammable, Toxic [6.1], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002501.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (c) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;

- (f) contact sensitisation, HSNO 6.5B classification;
- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 22 of Schedule 1 is complied with.
- (6) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Flammable, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002502.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;

- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (6) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002503.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Toxic [6.1 + 6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002504.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (6) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Toxic [6.1 + 6.7], Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002505.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification); and
  - (c) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Toxic [6.1 + 6.7], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002506.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (c) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;

- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (6) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

**Additives, Process Chemicals and Raw Materials (Toxic [6.1 + 6.7], Corrosive, Combustible) Group Standard 2006**

*HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002507.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

*Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (c) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification); and
  - (d) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;

- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Additives, Process Chemicals and Raw Materials (Toxic [6.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002508.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be an acute toxicant (HSNO 6.1B or 6.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 20 of Schedule 1 is complied with.
- (6) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Toxic [6.1], Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002509.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Additives, Process Chemicals and Raw Materials (Toxic [6.1], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002510.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 20 of Schedule 1 is complied with.
- (6) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

**Additives, Process Chemicals and Raw Materials (Toxic [6.1], Corrosive, Combustible) Group Standard 2006**

*HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002511.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

*Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (c) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;

- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Additives, Process Chemicals and Raw Materials (Toxic [6.7]) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002512.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as an additive, process chemical or raw material.
- (2) A substance referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (6) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 2: AEROSOLS GROUP STANDARDS**

Aerosols (Corrosive) Group Standard 2006

Aerosols (Flammable) Group Standard 2006

Aerosols (Flammable, Corrosive) Group Standard 2006

Aerosols (Flammable, Toxic [6.7]) Group Standard 2006

Aerosols (Non-hazardous) Group Standard 2006

Aerosols (Subsidiary Hazard) Group Standard 2006

Aerosols (Toxic [6.7]) Group Standard 2006

**Interpretation**

**aerosol** means the contents of an aerosol dispenser that are packed under pressure and designed to be released as solid or liquid particles in a suspension of gas, as a foam, paste or powder, or in a liquid or in a gaseous state

**aerosol dispenser** means a compressed gas container that –

- (a) is not refillable; and
- (b) incorporates a valve designed to dispense the container's contents as an aerosol; and
- (c) contains a compressed gas as defined in the Hazardous Substances (Compressed Gases) Regulations 2004

**cosmetic product** means any product or preparation intended to be placed in contact with the various external parts of the human body (epidermis, hair system, nails, lips and external genital organs) or with the teeth and the mucous membranes of the oral cavity with a view exclusively or mainly to cleaning them, perfuming them, changing their appearance and/or correcting body odours and/or protecting them or keeping them in good condition

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Aerosols (Corrosive) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002514.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured aerosol dispensers not exceeding 1,000 mL water capacity.
- (2) A substance packaged in an aerosol dispenser referred to in subclause (1) must be a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) cosmetic products; and
  - (b) any substance that is intended for biocidal action.
- (5) Subclause (4)(b) does not apply if the substance is an antimicrobial product.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 13 of Schedule 1 is complied with.
- (7) Despite clause 13 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Aerosols (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002515.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured aerosol dispensers not exceeding 1,000 mL water capacity.
- (2) A substance packaged in an aerosol dispenser referred to in subclause (1) must be a flammable aerosol (HSNO 2.1.2A classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) cosmetic products; and
  - (b) any substance that is intended for biocidal action.
- (5) Subclause (4)(b) does not apply if the substance is an antimicrobial product.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 16 of Schedule 1 is complied with.
- (7) Despite clause 16 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Aerosols (Flammable, Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002516.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured aerosol dispensers not exceeding 1,000 mL water capacity.
- (2) A substance packaged in an aerosol dispenser referred to in subclause (1) must be—
  - (a) a flammable aerosol (HSNO 2.1.2A classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) cosmetic products; and
  - (b) any substance that is intended for biocidal action.
- (5) Subclause (4)(b) does not apply if the substance is an antimicrobial product.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 16 of Schedule 1 is complied with.
- (7) Despite clause 16 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Aerosols (Flammable, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002517.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured aerosol dispensers not exceeding 1,000 mL water capacity.
- (2) A substance packaged in an aerosol dispenser referred to in subclause (1) must be—
  - (a) a flammable aerosol (HSNO 2.1.2A classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) cosmetic products; and
  - (b) any substance that is intended for biocidal action.
- (5) Subclause (4)(b) does not apply if the substance is an antimicrobial product.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 16 of Schedule 1 is complied with.
- (7) Despite clause 16 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Aerosols (Non-hazardous) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002518.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured aerosol dispensers that do not trigger any HSNO threshold.

#### *Substances excluded from Group Standard*

- (2) This Group Standard excludes any aerosol dispenser—
- (a) with a water capacity less than 50 mL; or
  - (b) for which the absolute pressure developed at 20°C is less than 170 kPa.

## 4 Conditions of Group Standard

The obligations and restrictions set out in Schedule 1 to the Group Standard apply to the substances by way of conditions.



# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Aerosols (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002519.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured aerosol dispensers not exceeding 1,000 mL water capacity.
- (2) A substance packaged in an aerosol dispenser referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
- (a) cosmetic products; and
  - (b) any substance that is intended for biocidal action.
- (4) Subclause (3)(b) does not apply if the substance is an antimicrobial product.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 13 of Schedule 1 is complied with.
- (6) Despite clause 13 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Aerosols (Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002520.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured aerosol dispensers not exceeding 1,000 mL water capacity.
- (2) A substance packaged in an aerosol dispenser referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) cosmetic products; and
  - (b) any substance that is intended for biocidal action.
- (5) Subclause (4)(b) does not apply if the substance is an antimicrobial product.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 13 of Schedule 1 is complied with.
- (7) Despite clause 13 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 3: ANIMAL NUTRITIONAL AND ANIMAL CARE PRODUCTS GROUP  
STANDARD**

Animal Nutritional and Animal Care Products Group Standard 2006

**Interpretation**

**animal** does not include a human being

**animal care product** means a product used in the external care or grooming of an animal

**animal nutritional product** means a product intended for administration to an animal to achieve a nutritional benefit

**nutritional benefit** means a contribution to the normal physiological function and metabolic homeostasis of an animal achieved by the provision of nutrients

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Animal Nutritional and Animal Care Products Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002521.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as an animal nutritional or animal care product.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) carcinogenicity, HSNO 6.7B classification;
  - (i) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (j) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (k) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes any substance that contains a component that is a veterinary medicine active.
- (4) Subclause (3) does not apply if that component is a mineral supplement.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (6) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 4: CLASS 4 SUBSTANCES GROUP STANDARDS**

Class 4 Substances Group Standard 2006

Class 4, Toxic [6.1] Substances Group Standard 2006

Class 4, Toxic [6.7] Substances Group Standard 2006

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Class 4 Substances Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002522.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
  - (a) a flammable solid (HSNO 4.1.1A or 4.1.1B classification); or
  - (b) a substance liable to spontaneous combustion, or a pyrophoric or self-heating substance (HSNO 4.2B or 4.2C classification); or
  - (c) a substance that emits flammable gases when in contact with water (HSNO 4.3B or 4.3C classification).
- (2) In addition to the hazard referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (5) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Class 4, Toxic [6.1] Substances Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002523.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
  - (a) either—
    - (i) a flammable solid (HSNO 4.1.1A or 4.1.1B classification); or
    - (ii) a substance liable to spontaneous combustion, or a pyrophoric or self-heating substance (HSNO 4.2B or 4.2C classification); or
    - (iii) a substance that emits flammable gases when in contact with water (HSNO 4.3B or 4.3C classification); and
  - (b) an acute toxicant (HSNO 6.1B or 6.1C classification).
- (2) In addition to the hazards referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 22 of Schedule 1 is complied with.
- (5) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Class 4, Toxic [6.7] Substances Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002524.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
- (a) either—
    - (i) a flammable solid (HSNO 4.1.1A or 4.1.1B classification); or
    - (ii) a substance liable to spontaneous combustion, or a pyrophoric or self-heating substance (HSNO 4.2B or 4.2C classification); or
    - (iii) a substance that emits flammable gases when in contact with water (HSNO 4.3B or 4.3C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (2) In addition to the hazards referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
- (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
  - (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 22 of Schedule 1 is complied with.
- (5) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 5 CLASS 5 SUBSTANCES GROUP STANDARDS**

Oxidising [5.1.1] Substances Group Standard 2006

Oxidising [5.1.1], Corrosive Substances Group Standard 2006

Oxidising [5.1.1], Toxic [6.1 + 6.7], Corrosive Substances Group Standard 2006

Oxidising [5.1.1], Toxic [6.1] Substances Group Standard 2006

Organic Peroxides Group Standard 2006

Organic Peroxides, Corrosive Group Standard 2006

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Oxidising [5.1.1] Substances Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002631.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
  - (a) an oxidising solid or liquid of medium hazard, HSNO 5.1.1B classification; or
  - (b) an oxidising solid or liquid of low hazard, HSNO 5.1.1C classification.
- (2) In addition to the hazard referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (4) No substance shall be permitted under this Group Standard if that substance is covered by the scope of any other Group Standard issued by the Authority.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Oxidising [5.1.1], Corrosive Substances Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002632.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
  - (a) an oxidising solid or liquid (HSNO 5.1.1B or 5.1.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (2) In addition to the hazards referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (4) No substance shall be permitted under this Group Standard if that substance is covered by the scope of any other Group Standard issued by the Authority.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Oxidising [5.1.1], Toxic [6.1 + 6.7], Corrosive Substances Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002633.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
  - (a) an oxidising solid or liquid (HSNO 5.1.1B or 5.1.1C classification); and
  - (b) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (c) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (d) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (2) In addition to the hazards referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (5) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Oxidising [5.1.1], Toxic [6.1] Substances Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002634.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
  - (a) an oxidising solid or liquid (HSNO 5.1.1B or 5.1.1C classification); and
  - (b) an acute toxicant (HSNO 6.1B or 6.1C classification).
- (2) In addition to the hazards referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 22 of Schedule 1 is complied with.
- (5) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Organic Peroxides Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002629.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be an organic peroxide (HSNO 5.2B, 5.2C, 5.2D, 5.2E, 5.2F or 5.2G classification).
- (2) In addition to the hazard referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 22 of Schedule 1 is complied with.
- (5) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Organic Peroxides, Corrosive Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002630.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
  - (a) an organic peroxide (HSNO 5.2B, 5.2C, 5.2D, 5.2E, 5.2F or 5.2G classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (2) In addition to the hazards referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
- (a) pesticide actives and formulated pesticide products; and
  - (b) veterinary medicine actives and formulated veterinary medicine products.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 22 of Schedule 1 is complied with.
- (5) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 6: CLEANING PRODUCTS GROUP STANDARDS, INCLUDING  
INDUSTRIAL AND INSTITUTIONAL CLEANING PRODUCTS  
GROUP STANDARDS**

Cleaning Products (Combustible) Group Standard 2006

Cleaning Products (Corrosive) Group Standard 2006

Cleaning Products (Corrosive, Combustible) Group Standard 2006

Cleaning Products (Flammable) Group Standard 2006

Cleaning Products (Flammable, Corrosive) Group Standard 2006

Cleaning Products (Oxidising [5.1.1]) Group Standard 2006

Cleaning Products (Oxidising [5.1.1], Corrosive) Group Standard 2006

Cleaning Products (Subsidiary Hazard) Group Standard 2006

Cleaning Products (Toxic [6.7]) Group Standard 2006

Industrial and Institutional Cleaning Products (Combustible, Toxic [6.7]) Group Standard 2006

Industrial and Institutional Cleaning Products (Corrosive, Toxic [6.7]) Group Standard 2006

Industrial and Institutional Cleaning Products (Flammable, Toxic [6.7]) Group Standard 2006

Industrial and Institutional Cleaning Products (Toxic [6.1 + 6.7]) Group Standard 2006

Industrial and Institutional Cleaning Products (Toxic [6.1]) Group Standard 2006

Industrial and Institutional Cleaning Products (Toxic [6.1], Combustible) Group Standard 2006

Industrial and Institutional Cleaning Products (Toxic [6.1], Corrosive) Group Standard 2006

**Interpretation**

**cleaning** means the process of dislodging an undesirable deposit that is on a surface and/or within a substrate

**cleaning product** means any material intended for washing and cleaning processes but excludes cosmetic products and water treatment chemicals

**cosmetic product** means any product or preparation intended to be placed in contact with the various external parts of the human body (epidermis, hair system, nails, lips and external genital organs) or with the teeth and the mucous membranes of the oral cavity with a view exclusively or mainly to cleaning them, perfuming them, changing their appearance and/or correcting body odours and/or protecting them or keeping them in good condition

**water treatment chemical** means any material used for the treatment of water

**washing** means the cleaning of laundry, fabrics, dishes, process equipment, and any inanimate surface that requires cleaning for hygiene and safety reasons

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Cleaning Products (Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002525.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a cleaning product.
- (2) A substance referred to in subclause (1) must be a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) Notwithstanding subclause (3), no substance that is sold or supplied to the general public is permitted to have any of the following hazards:
  - (a) mutagenicity, HSNO 6.6A classification;
  - (b) reproductive toxicity, HSNO 6.8A classification.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Cleaning Products (Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002526.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a cleaning product.
- (2) A substance referred to in subclause (1) must be a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) Notwithstanding subclause (3), no substance that is sold or supplied to the general public is permitted to have any of the following hazards:
  - (a) mutagenicity, HSNO 6.6A classification;
  - (b) reproductive toxicity, HSNO 6.8A classification.
- (5) No substance that is sold or supplied to the general public shall be permitted under this group standard if that substance is—
  - (a) a solid automatic dishwashing preparation, the pH of which in a 500 g/L aqueous solution or mixture is more than 12.5; or
  - (b) a liquid or semi-solid automatic dishwashing preparation, the pH of which is more than 12.5.
- (6) Subclause (5) does not apply for the period 1 July 2006 to 30 June 2007.
- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (8) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Cleaning Products (Corrosive, Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002527.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a cleaning product.
- (2) A substance referred to in subclause (1) must be—
  - (a) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (b) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) Notwithstanding subclause (3), no substance that is sold or supplied to the general public is permitted to have any of the following hazards:
  - (a) mutagenicity, HSNO 6.6A classification;
  - (b) reproductive toxicity, HSNO 6.8A classification.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Cleaning Products (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002528.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a cleaning product.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) Notwithstanding subclause (3), no substance that is sold or supplied to the general public is permitted to have any of the following hazards:
  - (a) mutagenicity, HSNO 6.6A classification;
  - (b) reproductive toxicity, HSNO 6.8A classification.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Cleaning Products (Flammable, Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002529.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a cleaning product.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) Notwithstanding subclause (3), no substance that is sold or supplied to the general public is permitted to have any of the following hazards:
  - (a) mutagenicity, HSNO 6.6A classification;
  - (b) reproductive toxicity, HSNO 6.8A classification.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Cleaning Products (Oxidising [5.1.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002590.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a cleaning product.
- (2) A substance referred to in subclause (1) must be—
  - (a) an oxidising solid or liquid of medium hazard, HSNO 5.1.1B classification; or
  - (b) an oxidising solid or liquid of low hazard, HSNO 5.1.1C classification.
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) Notwithstanding subclause (3), no substance that is sold or supplied to the general public is permitted to have any of the following hazards:
  - (a) mutagenicity, HSNO 6.6A classification;
  - (b) reproductive toxicity, HSNO 6.8A classification.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Cleaning Products (Oxidising [5.1.1], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002591.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a cleaning product.
- (2) A substance referred to in subclause (1) must be—
  - (a) an oxidising solid or liquid (HSNO 5.1.1B or 5.1.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) Notwithstanding subclause (3), no substance that is sold or supplied to the general public is permitted to have any of the following hazards:
  - (a) mutagenicity, HSNO 6.6A classification;
  - (b) reproductive toxicity, HSNO 6.8A classification.
- (5) No substance that is sold or supplied to the general public shall be permitted under this group standard if that substance is—
  - (a) a solid automatic dishwashing preparation, the pH of which in a 500 g/L aqueous solution or mixture is more than 12.5; or
  - (b) a liquid or semi-solid automatic dishwashing preparation, the pH of which is more than 12.5.
- (6) Subclause (5) does not apply for the period 1 July 2006 to 30 June 2007.
- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (8) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Cleaning Products (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002530.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a cleaning product.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) Notwithstanding subclause (2), no substance that is sold or supplied to the general public is permitted to have any of the following hazards:
  - (a) mutagenicity, HSNO 6.6A classification;
  - (b) reproductive toxicity, HSNO 6.8A classification.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Cleaning Products (Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002531.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a cleaning product.
- (2) A substance referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) Notwithstanding subclause (3), no substance that is sold or supplied to the general public is permitted to have any of the following hazards:
  - (a) mutagenicity, HSNO 6.6A classification;
  - (b) carcinogenicity, HSNO 6.7A classification;
  - (c) reproductive toxicity, HSNO 6.8A classification.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (6) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Industrial and Institutional Cleaning Products (Combustible, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002651.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a cleaning product.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in an industrial or institutional setting, or any other place of work.
- (3) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (4) In addition to the hazards referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;



- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (6) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Industrial and Institutional Cleaning Products (Corrosive, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002588.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a cleaning product.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in an industrial or institutional setting, or any other place of work.
- (3) A substance referred to in subclause (1) must be—
  - (a) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (4) In addition to the hazards referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Industrial and Institutional Cleaning Products (Flammable, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002589.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a cleaning product.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in an industrial or institutional setting, or any other place of work.
- (3) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (4) In addition to the hazards referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;

- (e) respiratory sensitisation, HSNO 6.5A classification;
- (f) contact sensitisation, HSNO 6.5B classification;
- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Industrial and Institutional Cleaning Products (Toxic [6.1 + 6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002592.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a cleaning product.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in an industrial or institutional setting, or any other place of work.
- (3) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (4) In addition to the hazards referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Industrial and Institutional Cleaning Products (Toxic [6.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002593.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a cleaning product.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in an industrial or institutional setting, or any other place of work.
- (3) A substance referred to in subclause (1) must be an acute toxicant (HSNO 6.1B or 6.1C classification).
- (4) In addition to the hazard referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Industrial and Institutional Cleaning Products (Toxic [6.1], Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002594.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a cleaning product.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in an industrial or institutional setting, or any other place of work.
- (3) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (4) In addition to the hazards referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 20 of Schedule 1 is complied with.
- (6) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Industrial and Institutional Cleaning Products (Toxic [6.1], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002595.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a cleaning product.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in an industrial or institutional setting, or any other place of work.
- (3) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (4) In addition to the hazards referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;

- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 7: COMPRESSED GAS MIXTURES GROUP STANDARDS**

Compressed Gas Mixtures (Flammable) Group Standard 2006

Compressed Gas Mixtures (Non-hazardous) Group Standard 2006

Compressed Gas Mixtures (Oxidising) Group Standard 2006

Compressed Gas Mixtures (Subsidiary Hazard) Group Standard 2006

Compressed Gas Mixtures (Toxic [6.1]) Group Standard 2006

Compressed Gas Mixtures (Toxic [6.1], Corrosive) Group Standard 2006

Compressed Gas Mixtures (Toxic [6.1], Flammable) Group Standard 2006

Compressed Gas Mixtures (Toxic [6.1], Flammable, Corrosive) Group Standard 2006

Compressed Gas Mixtures (Toxic [6.1], Oxidising [5.1.2]) Group Standard 2006

Compressed Gas Mixtures (Toxic [6.1], Oxidising [5.1.2], Corrosive) Group Standard 2006

**Interpretation**

**compressed gas** has the same meaning as defined in regulation 3 of the Hazardous Substances (Compressed Gases) Regulations 2004

**gas mixture** means any compressed gas mixture, that may include a refrigerant gas, that is intentionally prepared to contain two or more components, and includes both permanent and liquefiable gas mixtures

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Compressed Gas Mixtures (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002532.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured compressed gas mixtures.
- (2) A substance referred to in subclause (1) must be a flammable gas mixture that, at 20°C and 101.3 kPa absolute,—
  - (a) is ignitable when in a mixture of 13% or less by volume in air (HSNO 2.1.1A classification); or
  - (b) has a flammability range with air of at least 12%, regardless of the lower flammability limit (HSNO 2.1.1A classification); or
  - (c) is capable of ignition when mixed with air in a proportion within any flammable range (HSNO 2.1.1B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;



- (h) carcinogenicity, HSNO 6.7A or 6.7B classification;
- (i) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (j) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (k) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) any substance that is intended for biocidal action; and
  - (b) liquefied petroleum gas (LPG); and
  - (c) natural gas, whether compressed (CNG) or refrigerated.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### **1 Title**

#### **Compressed Gas Mixtures (Non-hazardous) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002533.

### **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### **3 Scope of Group Standard**

A substance covered by this Group Standard must be a gas mixture that does not trigger any HSNO threshold.

### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedule 1 to the Group Standard apply to the substances by way of conditions.



# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Compressed Gas Mixtures (Oxidising [5.1.2]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002534.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured compressed gas mixtures.
- (2) A substance referred to in subclause (1) must be a gas mixture that is oxidising (HSNO 5.1.2A).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) carcinogenicity, HSNO 6.7A or 6.7B classification;
  - (i) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (j) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (k) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes any substance that is intended for biocidal action.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Compressed Gas Mixtures (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002535.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured compressed gas mixtures.
- (2) A substance referred to in subclause (1) must be a gas mixture with one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes any substance that is intended for biocidal action.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 16 of Schedule 1 is complied with.
- (5) Despite clause 16 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Compressed Gas Mixtures (Toxic [6.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002536.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured compressed gas mixtures.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance.
- (3) A substance referred to in subclause (1) must be a gas mixture that is an acute toxicant (HSNO 6.1B or 6.1C classification).
- (4) In addition to the hazard referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (b) eye corrosivity, HSNO 8.3A classification;
  - (c) eye irritancy, HSNO 6.4A classification;
  - (d) respiratory sensitisation, HSNO 6.5A classification;
  - (e) contact sensitisation, HSNO 6.5B classification;
  - (f) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (g) carcinogenicity, HSNO 6.7A or 6.7B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (5) This Group Standard excludes any substance that is intended for biocidal action.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 18 of Schedule 1 is complied with.
- (7) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Compressed Gas Mixtures (Toxic [6.1], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002537.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured compressed gas mixtures.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance.
- (3) A substance referred to in subclause (1) must be a gas mixture that is—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (4) In addition to the hazards referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) metallic corrosivity, HSNO 8.1A classification;
  - (b) eye corrosivity, HSNO 8.3A classification;
  - (c) eye irritancy, HSNO 6.4A classification;
  - (d) respiratory sensitisation, HSNO 6.5A classification;
  - (e) contact sensitisation, HSNO 6.5B classification;
  - (f) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (g) carcinogenicity, HSNO 6.7A or 6.7B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) This Group Standard excludes any substance that is intended for biocidal action.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 18 of Schedule 1 is complied with.
- (7) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Compressed Gas Mixtures (Toxic [6.1], Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002538.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured compressed gas mixtures.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance.
- (3) A substance referred to in subclause (1) must be a gas mixture that is—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) flammable, which at 20°C and 101.3 kPa absolute—
    - (i) is ignitable when in a mixture of 13% or less by volume in air (HSNO 2.1.1A classification); or
    - (ii) has a flammability range with air of at least 12%, regardless of the lower flammability limit (HSNO 2.1.1A classification); or
    - (iii) is capable of ignition when mixed with air in a proportion within any flammable range (HSNO 2.1.1B classification); and
- (4) In addition to the hazards referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (b) eye corrosivity, HSNO 8.3A classification;
  - (c) eye irritancy, HSNO 6.4A classification;
  - (d) respiratory sensitisation, HSNO 6.5A classification;

- (e) contact sensitisation, HSNO 6.5B classification;
- (f) mutagenicity, HSNO 6.6A or 6.6B classification;
- (g) carcinogenicity, HSNO 6.7A or 6.7B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) This Group Standard excludes any substance that is intended for biocidal action.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 19 of Schedule 1 is complied with.
- (7) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Compressed Gas Mixtures (Toxic [6.1], Flammable, Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002539.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured compressed gas mixtures.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance.
- (3) A substance referred to in subclause (1) must be a gas mixture that is—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) flammable, which at 20°C and 101.3 kPa absolute—
    - (i) is ignitable when in a mixture of 13% or less by volume in air (HSNO 2.1.1A classification); or
    - (ii) has a flammability range with air of at least 12%, regardless of the lower flammability limit (HSNO 2.1.1A classification); or
    - (iii) is capable of ignition when mixed with air in a proportion within any flammable range (HSNO 2.1.1B classification); and
  - (c) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (4) In addition to the hazards referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) metallic corrosivity, HSNO 8.1A classification;
  - (b) eye corrosivity, HSNO 8.3A classification;
  - (c) eye irritancy, HSNO 6.4A classification;

- (d) respiratory sensitisation, HSNO 6.5A classification;
- (e) contact sensitisation, HSNO 6.5B classification;
- (f) mutagenicity, HSNO 6.6A or 6.6B classification;
- (g) carcinogenicity HSNO 6.7A or 6.7B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) This Group Standard excludes any substance that is intended for biocidal action.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 19 of Schedule 1 is complied with.
- (7) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Compressed Gas Mixtures (Toxic [6.1], Oxidising [5.1.2]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002540.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured compressed gas mixtures.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance.
- (3) A substance referred to in subclause (1) must be a gas mixture that is—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) oxidising (HSNO 5.1.2A classification).
- (4) In addition to the hazards referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (b) eye corrosivity, HSNO 8.3A classification;
  - (c) eye irritancy, HSNO 6.4A classification;
  - (d) respiratory sensitisation, HSNO 6.5A classification;
  - (e) contact sensitisation, HSNO 6.5B classification;
  - (f) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (g) carcinogenicity, HSNO 6.7A or 6.7B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (5) This Group Standard excludes any substance that is intended for biocidal action.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 19 of Schedule 1 is complied with.
- (7) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Compressed Gas Mixtures (Toxic [6.1], Oxidising [5.1.2], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002541.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to imported or manufactured compressed gas mixtures.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance.
- (3) A substance referred to in subclause (1) must be a gas mixture that is—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) oxidising (HSNO 5.1.2A classification); and
  - (c) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (4) In addition to the hazards referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) metallic corrosivity, HSNO 8.1A classification;
  - (b) eye corrosivity, HSNO 8.3A classification;
  - (c) eye irritancy, HSNO 6.4A classification;
  - (d) respiratory sensitisation, HSNO 6.5A classification;
  - (e) contact sensitisation, HSNO 6.5B classification;
  - (f) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (g) carcinogenicity, HSNO 6.7A or 6.7B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) This Group Standard excludes any substance that is intended for biocidal action.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 19 of Schedule 1 is complied with.
- (7) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 8: CONSTRUCTION PRODUCTS GROUP STANDARDS**

Construction Products (Corrosive [8.2C]) Group Standard 2006

Construction Products (Corrosive [8.2C], Toxic [6.7A]) Group Standard 2006

Construction Products (Subsidiary Hazard) Group Standard 2006

Construction Products (Toxic [6.7A]) Group Standard 2006

**Interpretation**

**cement** means a building material which can be mixed with water and poured to set as a solid mass or used as an ingredient in making mortar or concrete

**concrete admixture** means a material, other than cement, water or aggregate, that is added to a concrete mixture to change the properties of the concrete such as colour, curing temperature range and setting time

**concrete etching agent** means any material that is used to etch or change the surface of concrete

**construction product** means any cement, mortar, concrete admixture, concrete etching agent, plaster, grout, putty, filler or roading product intended for use in construction or repair

**filler** means a composition, especially a semisolid material that hardens on drying, used to fill pores, cracks or holes in wood, plaster, metal or other construction surfaces before finishing and includes filler materials used in automotive repair

**grout** means thin mortar or plaster typically used to fill cracks and crevices in masonry or for finishing walls and ceilings

**mortar** means a bonding material used in masonry, surfacing, and plastering, and is typically a plastic mixture of sand, water and cement or lime that hardens in place and is used to bind together bricks or stones

**plaster** means a composition of lime, water and sand and is typically used for coating walls, ceilings and partitions of buildings

**putty** means a dough-like cement often used to fill holes in woodwork and secure panes of glass

**roading product** means any product used in the preparation, construction, or repair of roads, driveways, or pavements

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Construction Products (Corrosive [8.2C]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002542.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a construction product.
- (2) A substance referred to in subclause (1) must be a skin corrosive (HSNO 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Construction Products (Corrosive [8.2C], Toxic [6.7A]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002543.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid substances that are imported or manufactured for use as a construction product.
- (2) A substance referred to in subclause (1) must be—
  - (a) a skin corrosive (HSNO 8.2C classification); and
  - (b) a known human carcinogen (HSNO 6.7A classification), where that classification has only been triggered as a result of the substance containing respirable silica.
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 17 of Schedule 1 is complied with.
- (5) Despite clause 17 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Construction Products (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002544.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a construction product.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (4) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (5) For the purposes of subclause (4), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Construction Products (Toxic [6.7A]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002545.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid substances that are imported or manufactured for use as a construction product.
- (2) A substance referred to in subclause (1) must be a known or presumed human carcinogen (HSNO 6.7A classification) where that classification has only been triggered as a result of the substance containing respirable silica.
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 17 of Schedule 1 is complied with.
- (5) Despite clause 17 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 9: CORROSION INHIBITORS GROUP STANDARDS**

Corrosion Inhibitors (Combustible) Group Standard 2006

Corrosion Inhibitors (Corrosive) Group Standard 2006

Corrosion Inhibitors (Flammable) Group Standard 2006

Corrosion Inhibitors (Subsidiary Hazard) Group Standard 2006

Corrosion Inhibitors (Toxic [6.1]) Group Standard 2006

Corrosion Inhibitors (Toxic [6.7]) Group Standard 2006

**Interpretation**

**corrosion inhibitor** means any material used to stop or slow down the corrosion of metals and metal alloys, including anti-rust products, rust preventatives, film-formers, oxygen scavengers and corrosion inhibitor additives

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Corrosion Inhibitors (Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002546.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a corrosion inhibitor.
- (2) A substance referred to in subclause (1) must be a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (5) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Corrosion Inhibitors (Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002547.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a corrosion inhibitor.
- (2) A substance referred to in subclause (1) must be a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Corrosion Inhibitors (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002548.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a corrosion inhibitor.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;

- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (5) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Corrosion Inhibitors (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002549.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a corrosion inhibitor.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (4) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (5) For the purposes of subclause (4), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Corrosion Inhibitors (Toxic [6.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002550.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a corrosion inhibitor.
- (2) A substance referred to in subclause (1) must be an acute toxicant (HSNO 6.1B or 6.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 20 of Schedule 1 is complied with.
- (5) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Corrosion Inhibitors (Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002551.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a corrosion inhibitor.
- (2) A substance referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (5) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 10: COSMETIC PRODUCTS GROUP STANDARD**

Cosmetic Products Group Standard 2006

**Interpretation**

**cosmetic product** means any product or preparation intended to be placed in contact with the various external parts of the human body (epidermis, hair system, nails, lips and external genital organs) or with the teeth and the mucous membranes of the oral cavity with a view exclusively or mainly to cleaning them, perfuming them, changing their appearance and/or correcting body odours and/or protecting them or keeping them in good condition

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Cosmetic Products Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002552.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to any substance imported or manufactured for use as a cosmetic product, where that cosmetic product classifies as hazardous according to the hazard classification criteria as set out in the Hazardous Substances (Classification) Regulations 2001.
- (2) Where a substance is packaged in an aerosol dispenser, the aerosol dispenser must not exceed 1,000 mL water capacity.
- (3) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) a flammable aerosol, HSNO 2.1.2A classification;
  - (b) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C, HSNO 3.1B classification;
  - (c) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C, HSNO 3.1C classification;
  - (d) a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C, HSNO 3.1D classification;
  - (e) an oxidising substance, HSNO 5.1.1C classification;
  - (f) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (g) skin corrosivity, HSNO 8.2C classification;
  - (h) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (i) eye corrosivity, HSNO 8.3A classification;

- (j) eye irritancy, HSNO 6.4A classification;
- (k) respiratory sensitisation, HSNO 6.5A classification;
- (l) contact sensitisation, HSNO 6.5B classification;
- (m) mutagenicity, HSNO 6.6B classification;
- (n) carcinogenicity, HSNO 6.7B classification;
- (o) reproductive toxicity, HSNO 6.8B or 6.8C classification;
- (p) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (q) ecotoxicity, HSNO class 9

*Substances excluded from Group Standard*

- (4) This Group Standard excludes any cosmetic product that contains—
  - (a) a component listed in Schedule 4, other than a trace level of that component provided that such presence is technically unavoidable in good manufacturing practice, and the cosmetic product complies with clause 24 of Schedule 1;
  - (b) a component listed in Schedule 5 which does not meet the conditions and restrictions relating to that component listed in that Schedule;
  - (c) a colouring agent—
    - (i) other than those listed in Schedule 6, with the exception of cosmetic products containing colouring agents intended solely to colour hair;
    - (ii) listed in Schedule 6 which does not meet the conditions and restrictions relating to that colouring agent listed in that Schedule, with the exception of cosmetic products containing colouring agents intended solely to colour hair;
  - (d) a preservative—
    - (i) other than those listed in Schedule 7;
    - (ii) listed in Schedule 7 which does not meet the conditions and restrictions relating to that preservative listed in that Schedule;
  - (e) a UV filter—
    - (i) other than those listed in Schedule 8;
    - (ii) listed in Schedule 8 which does not meet the conditions and restrictions relating to that UV filter listed in that Schedule;
  - (f) a component banned by the International Fragrance Association as set out in the IFRA Code of Practice.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.





## **PART 11: DENATURED ETHANOL GROUP STANDARD**

Denatured Ethanol Group Standard 2006

### **Interpretation**

**denatured ethanol** means a solution of more than 90% ethanol that has been denatured to render it unsuitable for human consumption, and includes methylated spirits

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Denatured Ethanol Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002553.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to denatured ethanol products.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); and
  - (b) an eye irritant (HSNO 6.4A classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1E classification;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (d) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (e) ecotoxicity, HSNO 9.1B, 9.1C, 9.1D, 9.2B, 9.2C, 9.2D, 9.3B, 9.3C, 9.4B or 9.4C classification.
- (4) Subject to subclause (5), a substance that is available for sale in New Zealand must only be denatured with one or more of the following:
  - (a) 0.5% by volume diethyl phthalate;
  - (b) 0.25% by volume of tertiary butyl alcohol;
  - (c) 1% by volume acetic acid;

- (d) at least 1.5% and not more than 2% by volume methanol;
  - (e) 15.6 g denatonium benzoate per 1000 litres ethyl alcohol to be denatured (15.6 ppm);
  - (f) 10 grams of denatonium benzoate per 1000 litres of ethyl alcohol (10 ppm) together with the addition of at least 1.5% and not more than 2% by volume methanol;
  - (g) 0.25% by volume methyl isobutyl ketone together with 5 – 10 g denatonium benzoate per 1000 litres ethyl alcohol to be denatured (5 – 10 ppm);
  - (h) 1% by volume of petrol (unleaded).
- (5) Notwithstanding subclause (4), a substance that is available for sale to the general public—
- (a) must only be denatured with the specific formulations described in subclauses 4(e), (f) and (g); and
  - (b) should, where practicable, also contain at least 1.56 ppm methyl violet.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 12: DENTAL PRODUCTS GROUP STANDARDS**

Dental Products (Combustible) Group Standard 2006

Dental Products (Corrosive) Group Standard 2006

Dental Products (Flammable) Group Standard 2006

Dental Products (Oxidising [5.1.1]) Group Standard 2006

Dental Products (Subsidiary Hazard) Group Standard 2006

Dental Products (Toxic [6.1], Corrosive) Group Standard 2006

Dental Products (Toxic [6.7]) Group Standard 2006

**Interpretation**

**dental product** means any product manufactured for use in the dental industry and includes but is not limited to any material used or intended to be used in the diagnosis, maintenance, treatment and prevention of any disease, disorder or condition relating to the orofacial complex and associated structures

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Dental Products (Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002554.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a dental product.
- (2) A substance referred to in subclause (1) must be a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes cosmetic products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Dental Products (Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002555.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a dental product.
- (2) A substance referred to in subclause (1) must be a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) This Group Standard excludes cosmetic products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (6) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### Dental Products (Flammable) Group Standard 2006

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002556.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a dental product.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes cosmetic products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Dental Products (Oxidising [5.1.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002557.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a dental product.
- (2) A substance referred to in subclause (1) must be—
  - (a) an oxidising solid or liquid of medium hazard, HSNO 5.1.1B classification; or
  - (b) an oxidising solid or liquid of low hazard, HSNO 5.1.1C classification.
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes cosmetic products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Dental Products (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002558.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a dental product.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes cosmetic products.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Dental Products (Toxic [6.1], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002559.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a dental product.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) either—
    - (i) a skin corrosive (HSNO 8.2B or 8.2C classification); or
    - (ii) a metallic corrosive (HSNO 8.1A classification); or
    - (iii) both a skin corrosive (HSNO 8.2B or 8.2C classification) and a metallic corrosive (HSNO 8.1A classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) eye corrosivity, HSNO 8.3A classification;
  - (c) eye irritancy, HSNO 6.4A classification;
  - (d) respiratory sensitisation, HSNO 6.5A classification;
  - (e) contact sensitisation, HSNO 6.5B classification;
  - (f) mutagenicity, HSNO 6.6A or 6.6B classification;



- (g) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (h) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (i) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes cosmetic products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Dental Products (Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002560.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a dental product.
- (2) A substance referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes cosmetic products.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 13: EMBALMING PRODUCTS GROUP STANDARDS**

Embalming Products (Combustible) Group Standard 2006

Embalming Products (Corrosive [8.2C]) Group Standard 2006

Embalming Products (Flammable) Group Standard 2006

Embalming Products (Flammable, Toxic [6.1], Corrosive) Group Standard 2006

Embalming Products (Subsidiary Hazard) Group Standard 2006

Embalming Products (Toxic [6.1], Corrosive) Group Standard 2006

Embalming Products (Toxic [6.1], Corrosive, Combustible) Group Standard 2006

Embalming Products (Toxic [6.7]) Group Standard 2006

**Interpretation**

**embalming fluid** means any product used for the sanitisation and preservation of body tissue prior to burial, cremation or repatriation, or any product used for the preservation of a biological specimen

**embalming product** means any product used within the embalming profession and includes embalming powders, cosmetics, tissue and feature building compounds, embalming adhesives, fragrances and embalming fluids

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Embalming Products (Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002561.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an embalming product.
- (2) A substance referred to in subclause (1) must be a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) carcinogenicity, HSNO 6.7A or 6.7B classification;
  - (i) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (j) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (k) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (5) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Embalming Products (Corrosive [8.2C]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002562.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as an embalming product.
- (2) A substance referred to in subclause (1) must be a skin corrosive (HSNO 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Embalming Products (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002563.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an embalming product.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) carcinogenicity, HSNO 6.7A or 6.7B classification;
  - (i) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;

- (j) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (k) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (5) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Embalming Products (Flammable, Toxic [6.1], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002564.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an embalming product.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (c) a skin corrosive (HSNO 8.2B or 8.2C classification); and
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;

- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) carcinogenicity, HSNO 6.7A or 6.7B classification;
- (i) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (j) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (k) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (5) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Embalming Products (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002565.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as an embalming product.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (4) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (5) For the purposes of subclause (4), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Embalming Products (Toxic [6.1], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002566.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as an embalming product.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification); and
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) carcinogenicity, HSNO 6.7A or 6.7B classification;
  - (i) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (j) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (k) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (5) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Embalming Products (Toxic [6.1], Corrosive, Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002567.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as an embalming product.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (c) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) carcinogenicity, HSNO 6.7A or 6.7B classification;

- (i) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (j) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (k) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (5) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Embalming Products (Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002568.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as an embalming product.
- (2) A substance referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (5) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 14: FERTILISERS GROUP STANDARDS**

Fertilisers (Corrosive) Group Standard 2006

Fertilisers (Oxidising [5.1.1]) Group Standard 2006

Fertilisers (Subsidiary Hazard) Group Standard 2006

Fertilisers (Toxic [6.1C]) Group Standard 2006

**Interpretation**

**fertiliser** means—

- (a) any material (whether in solid or liquid form) which is described as or held out to be for; or suitable for sustaining or increasing the growth, productivity or quality of plants or animals through the application of the following essential nutrients to plants or soils: nitrogen, phosphorous, potassium, sulphur, magnesium, calcium, chlorine, sodium, as major nutrients or manganese, iron, zinc, copper, boron, cobalt, molybdenum, iodine, selenium, as minor nutrients or additives; and
- (b) any other product which is considered to meet identified soil or plant nutrient deficiencies and is applied with this as the principal objective; and
- (c) the material shall be free from pathogens or any other agents which could effect disease and pest transmission

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Fertilisers (Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002569.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a fertiliser.
- (2) A substance referred to in subclause (1) must be a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Fertilisers (Oxidising [5.1.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002570.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a fertiliser.
- (2) A substance referred to in subclause (1) must be—
  - (a) an oxidising solid or liquid of medium hazard, HSNO 5.1.1B classification; or
  - (b) an oxidising solid or liquid of low hazard, HSNO 5.1.1C classification.
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (5) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Fertilisers (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002571.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a fertiliser.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (4) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (5) For the purposes of subclause (4), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Fertilisers (Toxic [6.1C]) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002572.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a fertiliser.
- (2) A substance referred to in subclause (1) must be an acute toxicant (HSNO 6.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (5) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.





**PART 15: FIRE FIGHTING CHEMICALS GROUP STANDARD**

Fire Fighting Chemicals Group Standard 2006

**Interpretation**

**fire fighting chemical** means any chemical that is used to prevent, suppress or extinguish a fire and includes any suppressant that reduces the surface tension of water and/or produces a foam which is applied directly on to the flame of a fire to extinguish the fire. It also includes fire retardants that are mixed with water and applied to un-burnt vegetation so that combustion is not supported

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Fire Fighting Chemicals Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002573.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a fire fighting chemical.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes any substance that is or contains—
- (a) perfluoroalkyl sulfonate; or
  - (b) perfluorooctanoic acid.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



## **PART 16: FOOD ADDITIVES AND FRAGRANCE MATERIALS GROUP STANDARDS**

Food Additives and Fragrance Materials (Combustible) Group Standard 2006

Food Additives and Fragrance Materials (Corrosive [8.2C]) Group Standard 2006

Food Additives and Fragrance Materials (Flammable) Group Standard 2006

Food Additives and Fragrance Materials (Flammable, Toxic [6.1]) Group Standard 2006

Food Additives and Fragrance Materials (Subsidiary Hazard) Group Standard 2006

Food Additives and Fragrance Materials (Toxic [6.1]) Group Standard 2006

Food Additives and Fragrance Materials (Toxic [6.1], Combustible) Group Standard 2006

### **Interpretation**

**food additive** means any material not usually consumed as a food by itself that is purposefully added to food in order to affect the food's keeping quality, texture, consistency, appearance, odour, taste, alkalinity or acidity, or to serve any other technological function in the manufacture, processing, preparation, treatment, packing, packaging or storage of the food, and includes any preservative, antioxidant, colouring substance, artificial sweetener, flavouring substance, food conditioner, anti-caking agent, vitamin, mineral or processing aid

**fragrance compound** means a blend of fragrance ingredients representing a specific fragrance formula, including any solvent or carrier

**fragrance ingredient** means any ingredient used in the manufacture of fragrance materials for its odorous, odour-enhancing or blending properties. Fragrance ingredients may be obtained by chemical synthesis from synthetic, fossil or natural raw materials or by physical operations from natural sources and include aroma chemicals, essential oils, natural extracts, distillates and isolates, and oleoresins

**fragrance material** means a fragrance ingredient or a fragrance compound

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Food Additives and Fragrance Materials (Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002574.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a food additive or fragrance material.
- (2) A substance referred to in subclause (1) must be a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes cosmetic products.
- (5) No food additive shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no food additive shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Food Additives and Fragrance Materials (Corrosive [8.2C]) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002575.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a food additive or fragrance material.
- (2) A substance referred to in subclause (1) must be a skin corrosive (HSNO 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) This Group Standard excludes cosmetic products.
- (5) No food additive shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (6) Despite clause 18 of Schedule 1, no food additive shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Food Additives and Fragrance Materials (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002576.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a food additive or fragrance material.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes cosmetic products.
- (5) No food additive shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no food additive shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Food Additives and Fragrance Materials (Flammable, Toxic [6.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002577.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a food additive or fragrance material.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) an acute toxicant (HSNO 6.1B or 6.1C classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;

- (g) mutagenicity, HSNO 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes cosmetic products.
- (5) No food additive shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 22 of Schedule 1 is complied with.
- (6) Despite clause 22 of Schedule 1, no food additive shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Food Additives and Fragrance Materials (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002578.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a food additive or fragrance material.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes cosmetic products.
- (4) No food additive shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no food additive shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Food Additives and Fragrance Materials (Toxic [6.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002579.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a food additive or fragrance material.
- (2) A substance referred to in subclause (1) must be an acute toxicant (HSNO 6.1B or 6.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) This Group Standard excludes cosmetic products.
- (5) No food additive shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 20 of Schedule 1 is complied with.
- (6) Despite clause 20 of Schedule 1, no food additive shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Food Additives and Fragrance Materials (Toxic [6.1], Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002580.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a food additive or fragrance material.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes cosmetic products.
- (5) No food additive shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no food additive shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 17: FUEL ADDITIVES GROUP STANDARDS**

Fuel Additives (Combustible) Group Standard 2006

Fuel Additives (Combustible, Toxic [6.7]) Group Standard 2006

Fuel Additives (Corrosive) Group Standard 2006

Fuel Additives (Flammable) Group Standard 2006

Fuel Additives (Flammable, Toxic [6.7]) Group Standard 2006

Fuel Additives (Subsidiary Hazard) Group Standard 2006

Fuel Additives (Toxic [6.7]) Group Standard 2006

**Interpretation**

**fuel additive** means an additive or additive package that is designed for use within gasoline and diesel systems to enhance their performance

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Fuel Additives (Combustible) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002581.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a fuel additive.
- (2) A substance referred to in subclause (1) must be a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) any fuel; and
  - (b) any substance that is or contains—
    - (i) tetramethyl lead (CAS No. 75-74-1); or
    - (ii) tetraethyl lead (CAS No. 78-00-2).
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Fuel Additives (Combustible, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002587.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a fuel additive.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) any fuel; and
  - (b) any substance that is or contains—
    - (i) tetramethyl lead (CAS No. 75-74-1); or
    - (ii) tetraethyl lead (CAS No. 78-00-2).
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Fuel Additives (Corrosive) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002582.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a fuel additive.
- (2) A substance referred to in subclause (1) must be a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) any fuel; and
  - (b) any substance that is or contains—
    - (i) tetramethyl lead (CAS No. 75-74-1); or
    - (ii) tetraethyl lead (CAS No. 78-00-2).
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (6) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Fuel Additives (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002583.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a fuel additive.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) any fuel; and
  - (b) any substance that is or contains—
    - (i) tetramethyl lead (CAS No. 75-74-1); or
    - (ii) tetraethyl lead (CAS No. 78-00-2).
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Fuel Additives (Flammable, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002584.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a fuel additive.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;

- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) any fuel; and
  - (b) any substance that is or contains—
    - (i) tetramethyl lead (CAS No. 75-74-1); or
    - (ii) tetraethyl lead (CAS No. 78-00-2).
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (6) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### **1 Title**

#### **Fuel Additives (Subsidiary Hazard) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002585.

### **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### **3 Scope of Group Standard**

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a fuel additive.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
- (a) any fuel; and
  - (b) any substance that is or contains—
    - (i) tetramethyl lead (CAS No. 75-74-1); or
    - (ii) tetraethyl lead (CAS No. 78-00-2).
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Fuel Additives (Toxic [6.7]) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002586.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a fuel additive.
- (2) A substance referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) any fuel; and
  - (b) any substance that is or contains—
    - (i) tetramethyl lead (CAS No. 75-74-1); or
    - (ii) tetraethyl lead (CAS No. 78-00-2).
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (6) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 18: LABORATORY CHEMICALS AND REAGENT KITS GROUP  
STANDARDS**

Laboratory Chemicals and Reagent Kits Group Standard 2006

Laboratory Chemicals and Reagent Kits (Class 4) Group Standard 2006

Laboratory Chemicals and Reagent Kits (Oxidising [5.1.1]) Group Standard 2006

Reagent Kits Group Standard 2006

**Interpretation**

**laboratory chemical** means any solid or liquid chemical for use in research and development

**reagent kit** means a set of solid or liquid chemical components that may be used for qualitative or quantitative measurement or diagnostic testing

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Laboratory Chemicals and Reagent Kits Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002596.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a laboratory chemical or a reagent kit for the purposes of research and development.
- (2) A substance referred to in subclause (1) may have any of the following (but only the following) hazards:
  - (a) flammability, HSNO 3.1B (flashpoint of less than 23°C and an initial boiling point of greater than 35°C);
  - (b) flammability, HSNO 3.1C (flashpoint of greater than or equal to 23°C and less than or equal to 60°C);
  - (c) flammability, HSNO 3.1D (flashpoint of greater than 60°C and less than or equal to 93°C);
  - (d) acute toxicity, HSNO 6.1B, 6.1C, 6.1D or 6.1E classification (including aspiration hazard);
  - (e) metallic corrosivity, HSNO 8.1A classification;
  - (f) skin corrosivity, HSNO 8.2B or 8.2C classification;
  - (g) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (h) eye corrosivity, HSNO 8.3A classification;
  - (i) eye irritancy, HSNO 6.4A classification;
  - (j) respiratory sensitisation, HSNO 6.5A classification;

- (k) contact sensitisation, HSNO 6.5B classification;
- (l) mutagenicity, HSNO 6.6A or 6.6B classification;
- (m) carcinogenicity, HSNO 6.7A or 6.7B classification;
- (n) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (o) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (p) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) No substance covered by this Group Standard may be sold or supplied to the general public.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (5) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Laboratory Chemicals and Reagent Kits (Class 4) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002692.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a laboratory chemical or a reagent kit for the purposes of research and development.
- (2) A substance covered by this Group Standard must be—
  - (a) a flammable solid (HSNO 4.1.1A or 4.1.1B classification); or
  - (b) a substance liable to spontaneous combustion, or a pyrophoric or self-heating substance (HSNO 4.2B or 4.2C classification); or
  - (c) a substance that emits flammable gases when in contact with water (HSNO 4.3B or 4.3C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1B, 6.1C, 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) skin corrosivity, HSNO 8.2B or 8.2C classification;
  - (d) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (e) eye corrosivity, HSNO 8.3A classification;
  - (f) eye irritancy, HSNO 6.4A classification;
  - (g) respiratory sensitisation, HSNO 6.5A classification;



- (h) contact sensitisation, HSNO 6.5B classification;
- (i) mutagenicity, HSNO 6.6A or 6.6B classification;
- (j) carcinogenicity, HSNO 6.7A or 6.7B classification;
- (k) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (l) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (m) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance covered by this Group Standard may be sold or supplied to the general public.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (6) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Laboratory Chemicals and Reagent Kits (Oxidising [5.1.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002693.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a laboratory chemical or a reagent kit for the purposes of research and development.
- (2) A substance referred to in subclause (1) must be—
  - (a) an oxidising solid or liquid of medium hazard, HSNO 5.1.1B classification; or
  - (b) an oxidising solid or liquid of low hazard, HSNO 5.1.1C classification.
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1B, 6.1C, 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) skin corrosivity, HSNO 8.2B or 8.2C classification;
  - (d) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (e) eye corrosivity, HSNO 8.3A classification;
  - (f) eye irritancy, HSNO 6.4A classification;
  - (g) respiratory sensitisation, HSNO 6.5A classification;
  - (h) contact sensitisation, HSNO 6.5B classification;
  - (i) mutagenicity, HSNO 6.6A or 6.6B classification;

- (j) carcinogenicity, HSNO 6.7A or 6.7B classification;
- (k) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (l) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (m) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance covered by this Group Standard may be sold or supplied to the general public.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (6) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Reagent Kits Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002647.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a reagent kit.
- (2) A substance referred to in subclause (1) may have any of the following (but only the following) hazards:
  - (a) flammability, HSNO 3.1C (flashpoint of greater than or equal to 23°C and less than or equal to 60°C);
  - (b) flammability, HSNO 3.1D (flashpoint of greater than 60°C and less than or equal to 93°C);
  - (c) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (d) metallic corrosivity, HSNO 8.1A classification;
  - (e) skin corrosivity, HSNO 8.2C classification;
  - (f) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (g) eye corrosivity, HSNO 8.3A classification;
  - (h) eye irritancy, HSNO 6.4A classification;
  - (i) respiratory sensitisation, HSNO 6.5A classification;
  - (j) contact sensitisation, HSNO 6.5B classification;
  - (k) mutagenicity, HSNO 6.6B classification;
  - (l) carcinogenicity, HSNO 6.7B classification;

- (m) reproductive toxicity, HSNO 6.8B or 6.8C classification;
- (n) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (o) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes any reagent kit if—
  - (a) the quantity of any single chemical component exceeds 0.1 kg or 0.1 L; or
  - (b) the aggregate quantity of all chemical components exceeds 5 kg or 5 L.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 16 of Schedule 1 is complied with.
- (5) Despite clause 16 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 19: LEATHER AND TEXTILE PRODUCTS GROUP STANDARDS**

Leather and Textile Products (Combustible) Group Standard 2006

Leather and Textile Products (Corrosive) Group Standard 2006

Leather and Textile Products (Flammable) Group Standard 2006

Leather and Textile Products (Subsidiary Hazard) Group Standard 2006

Leather and Textile Products (Toxic [6.7]) Group Standard 2006

**Interpretation**

**leather** means a material made from the skin of an animal by tanning or similar processes

**leather and textile product** means any product or raw material used in the pre-treatment, treatment, colouring, fibre manufacturing and processing of leather or textiles

**textile** means a woven, knitted, tufted, non-woven, or other form of fabric (including carpet) and the natural and man-made fibres and yarns that form these fabrics

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Leather and Textile Products (Combustible) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002597.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a leather or textile product.
- (2) A substance referred to in subclause (1) must be a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (5) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Leather and Textile Products (Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002598.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a leather or textile product.
- (2) A substance referred to in subclause (1) must be a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Leather and Textile Products (Flammable) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002599.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a leather or textile product.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (5) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Leather and Textile Products (Subsidiary Hazard) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002600.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a leather or textile product.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (4) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (5) For the purposes of subclause (4), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Leather and Textile Products (Toxic [6.7]) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002601.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a leather or textile product.
- (2) A substance referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (5) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 20: LUBRICANTS GROUP STANDARDS**

Lubricants (Combustible) Group Standard 2006

Lubricants (Combustible, Toxic [6.7]) Group Standard 2006

Lubricants (Flammable) Group Standard 2006

Lubricants (Flammable, Toxic [6.7]) Group Standard 2006

Lubricants (Low Hazard) Group Standard 2006

Lubricants (Toxic [6.7]) Group Standard 2006

Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2006

**Interpretation**

**anti-freeze agent** means a chemical or mixture of chemicals, including ethylene glycol, used to reduce the freezing point of liquids within a closed system, including an automotive engine

**coolant** means a chemical or mixture of chemicals, including ethylene glycol, used to raise the boiling point of liquids within a closed system, including an automotive engine

**Group I – V base oils:** Group I and II are highly-refined mineral oils (commonly referred to as mineral oils). Group III base oils are extra high viscosity index oils. Group IV base oils are poly alpha olefins. Group V are non-hydrocarbon fluid base oils

**highly-refined mineral oils** are Group I and II base oils with a DMSO extract of less than 3% m/m using the IP346 method, Annex 1 entry in 21st ATP, and therefore regarded as non-carcinogenic

**lubricant** means a material introduced between moving surfaces to reduce friction and wear between them. A lubricant typically contains over 90% Group I – V base oils (often mineral oils, but can be synthetic and non-hydrocarbon based) and less than 10% additives. It includes lubricating fluids, emulsions, waxes, pastes and dry lubricants

**lubricant additive** means an additive or additive package designed for use in industrial and automotive lubricants to enhance performance. They may range from a highly viscous liquid to a solid, but generally take the form of concentrated solutions in diluent oils. They may have one or more of the following functions: protection of metal surfaces (e.g. rings, bearings, gears), extending the range of lubricant applicability and extending lubricant life

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Lubricants (Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002602.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a lubricant.
- (2) A substance referred to in subclause (1) must be a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes any fuel.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Lubricants (Combustible, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002608.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a lubricant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes any fuel.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Lubricants (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002603.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a lubricant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) This Group Standard excludes any fuel.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Lubricants (Flammable, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002604.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a lubricant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;

- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes any fuel.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (6) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Lubricants (Low Hazard) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002605.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a lubricant.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye irritancy, HSNO 6.4A classification;
  - (d) ecotoxicity, HSNO 9.1D classification.

##### *Substances excluded from Group Standard*

- (3) This Group Standard excludes any fuel.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 17 of Schedule 1 is complied with.

- (5) Despite clause 17 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Lubricants (Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002607.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a lubricant.
- (2) A substance referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes any fuel.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (6) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002606.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a lubricant, lubricant additive, coolant or anti-freeze agent.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (3) This Group Standard excludes any fuel.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 21: METAL INDUSTRY PRODUCTS GROUP STANDARDS**

Metal Industry Products (Corrosive) Group Standard 2006

Metal Industry Products (Corrosive, Toxic [6.7]) Group Standard 2006

Metal Industry Products (Flammable) Group Standard 2006

Metal Industry Products (Subsidiary Hazard) Group Standard 2006

Metal Industry Products (Toxic [6.1 + 6.7]) Group Standard 2006

Metal Industry Products (Toxic [6.1]) Group Standard 2006

Metal Industry Products (Toxic [6.1], Corrosive) Group Standard 2006

Metal Industry Products (Toxic [6.7]) Group Standard 2006

**Interpretation**

**alloy** means a material made by the mixture of two or more elements, at least one of which is a metal

**electroplating agent** means any material used during the process of electroplating

**flux** means either a material that is used to remove impurities during metal smelting or to prevent oxidation during welding or soldering

**metal** means a chemical element that is typically lustrous, a good conductor of heat and electricity, malleable and ductile

**metal industry product** means any material used in the metal industry that includes, but is not limited to; metals or metal alloys and powders derived from them, materials used in the process of electroplating and printing of circuit boards, materials used for soldering or welding such as fluxes, and components used in the preparation or maintenance of metals

**welding or soldering agent** means any material used during welding or soldering excluding any gases used in the process

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Metal Industry Products (Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002609.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a metal industry product.
- (2) A substance referred to in subclause (1) must be a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Metal Industry Products (Corrosive, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002610.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a metal industry product.
- (2) A substance referred to in subclause (1) must be—
  - (a) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (5) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Metal Industry Products (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002611.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a metal industry product.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (5) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Metal Industry Products (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002612.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a metal industry product.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (4) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (5) For the purposes of subclause (4), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Metal Industry Products (Toxic [6.1 + 6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002613.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a metal industry product.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (5) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Metal Industry Products (Toxic [6.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002614.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a metal industry product.
- (2) A substance referred to in subclause (1) must be an acute toxicant (HSNO 6.1B or 6.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 20 of Schedule 1 is complied with.
- (5) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Metal Industry Products (Toxic [6.1], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002615.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a metal industry product.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 20 of Schedule 1 is complied with.
- (5) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Metal Industry Products (Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002616.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a metal industry product.
- (2) A substance referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (5) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 22: N.O.S. (NOT OTHERWISE SPECIFIED) GROUP STANDARDS**

N.O.S. (Combustible) Group Standard 2006

N.O.S. (Corrosive) Group Standard 2006

N.O.S. (Corrosive, Combustible) Group Standard 2006

N.O.S. (Flammable) Group Standard 2006

N.O.S. (Flammable, Corrosive) Group Standard 2006

N.O.S. (Flammable, Toxic [6.1, 6.7]) Group Standard 2006

N.O.S. (Flammable, Toxic [6.1, 6.7], Corrosive) Group Standard 2006

N.O.S. (Subsidiary Hazard) Group Standard 2006

N.O.S. (Toxic [6.1, 6.7]) Group Standard 2006

N.O.S. (Toxic [6.1, 6.7], Combustible) Group Standard 2006

N.O.S. (Toxic [6.1, 6.7], Corrosive) Group Standard 2006

N.O.S. (Toxic [6.1, 6.7], Corrosive, Combustible) Group Standard 2006

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **N.O.S. (Combustible) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002617.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (2) In addition to the hazard referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

(3) This Group Standard excludes—

- (a) any substance that—
  - (i) was not lawfully used in New Zealand immediately before 1 July 2006; or
  - (ii) is covered by the scope of any other Group Standard issued by the Authority; and
- (b) any fuel; and
- (c) pesticide actives and formulated pesticide products; and
- (d) veterinary medicine actives and formulated veterinary medicine products; and
- (e) fertilisers; and
- (f) cosmetic products.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **N.O.S. (Corrosive) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002618.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be a skin corrosive (HSNO 8.2B or 8.2C classification).
- (2) In addition to the hazard referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

(3) This Group Standard excludes—

- (a) any substance that—
  - (i) was not lawfully used in New Zealand immediately before 1 July 2006; or
  - (ii) is covered by the scope of any other Group Standard issued by the Authority; and
- (b) any fuel; and
- (c) pesticide actives and formulated pesticide products; and
- (d) veterinary medicine actives and formulated veterinary medicine products; and
- (e) fertilisers; and
- (f) cosmetic products; and
- (g) aerosols; and
- (h) compressed gases.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **N.O.S. (Corrosive, Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002619.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
  - (a) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (b) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (2) In addition to the hazards referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

(3) This Group Standard excludes—

- (a) any substance that—
  - (i) was not lawfully used in New Zealand immediately before 1 July 2006; or
  - (ii) is covered by the scope of any other Group Standard issued by the Authority; and
- (b) any fuel; and
- (c) pesticide actives and formulated pesticide products; and
- (d) veterinary medicine actives and formulated veterinary medicine products; and
- (e) fertilisers; and
- (f) cosmetic products.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **N.O.S. (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002621.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (2) In addition to the hazard referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

(3) This Group Standard excludes—

- (a) any substance that—
  - (i) was not lawfully used in New Zealand immediately before 1 July 2006; or
  - (ii) is covered by the scope of any other Group Standard issued by the Authority; and
- (b) any fuel; and
- (c) pesticide actives and formulated pesticide products; and
- (d) veterinary medicine actives and formulated veterinary medicine products; and
- (e) fertilisers; and
- (f) cosmetic products.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **N.O.S. (Flammable, Corrosive) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002620.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (2) In addition to the hazards referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;

- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

(3) This Group Standard excludes—

- (a) any substance that—
  - (i) was not lawfully used in New Zealand immediately before 1 July 2006; or
  - (ii) is covered by the scope of any other Group Standard issued by the Authority; and
- (b) any fuel; and
- (c) pesticide actives and formulated pesticide products; and
- (d) veterinary medicine actives and formulated veterinary medicine products; and
- (e) fertilisers; and
- (f) cosmetic products.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **N.O.S. (Flammable, Toxic [6.1, 6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002622.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
- (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a toxic substance, that is—
    - (i) an acute toxicant (HSNO 6.1B or 6.1C classification); or
    - (ii) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification), or
    - (iii) both an acute toxicant (HSNO 6.1B or 6.1C classification) and either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (2) In addition to the hazards referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
- (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;



- (e) respiratory sensitisation, HSNO 6.5A classification;
- (f) contact sensitisation, HSNO 6.5B classification;
- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
- (a) any substance that—
    - (i) was not lawfully used in New Zealand immediately before 1 July 2006; or
    - (ii) is covered by the scope of any other Group Standard issued by the Authority; and
  - (b) any fuel; and
  - (c) pesticide actives and formulated pesticide products; and
  - (d) veterinary medicine actives and formulated veterinary medicine products; and
  - (e) fertilisers; and
  - (f) cosmetic products.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **N.O.S. (Flammable, Toxic [6.1, 6.7], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002623.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
- (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a toxic substance, that is—
    - (i) an acute toxicant (HSNO 6.1B or 6.1C classification); or
    - (ii) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification), or
    - (iii) both an acute toxicant (HSNO 6.1B or 6.1C classification) and either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification); and
  - (c) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (2) In addition to the hazards referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
- (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;

- (d) eye irritancy, HSNO 6.4A classification;
- (e) respiratory sensitisation, HSNO 6.5A classification;
- (f) contact sensitisation, HSNO 6.5B classification;
- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

(3) This Group Standard excludes—

- (a) any substance that—
  - (i) was not lawfully used in New Zealand immediately before 1 July 2006; or
  - (ii) is covered by the scope of any other Group Standard issued by the Authority; and
- (b) any fuel; and
- (c) pesticide actives and formulated pesticide products; and
- (d) veterinary medicine actives and formulated veterinary medicine products; and
- (e) fertilisers; and
- (f) cosmetic products.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **N.O.S. (Subsidiary Hazard) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002624.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must have one or more of the following (but only the following) hazards:
- (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

(2) This Group Standard excludes—

- (a) any substance that—
  - (i) was not lawfully used in New Zealand immediately before 1 July 2006; or
  - (ii) is covered by the scope of any other Group Standard issued by the Authority; and
- (b) any fuel; and
- (c) pesticide actives and formulated pesticide products; and
- (d) veterinary medicine actives and formulated veterinary medicine products; and
- (e) fertilisers; and
- (f) cosmetic products; and
- (g) aerosols; and
- (h) compressed gases.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **N.O.S. (Toxic [6.1, 6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002625.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be a toxic substance, that is:
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); or
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification), or
  - (c) both an acute toxicant (HSNO 6.1B or 6.1C classification) and either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (2) In addition to the hazards referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

(3) This Group Standard excludes—

- (a) any substance that—
  - (i) was not lawfully used in New Zealand immediately before 1 July 2006; or
  - (ii) is covered by the scope of any other Group Standard issued by the Authority; and
- (b) any fuel; and
- (c) pesticide actives and formulated pesticide products; and
- (d) veterinary medicine actives and formulated veterinary medicine products; and
- (e) fertilisers; and
- (f) cosmetic products; and
- (g) aerosols; and
- (h) compressed gases.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **N.O.S. (Toxic [6.1, 6.7], Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002626.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
  - (a) a toxic substance, that is—
    - (i) an acute toxicant (HSNO 6.1B or 6.1C classification); or
    - (ii) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification), or
    - (iii) both an acute toxicant (HSNO 6.1B or 6.1C classification) and either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification); and
  - (b) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (2) In addition to the hazards referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;



- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

(3) This Group Standard excludes—

- (a) any substance that—
  - (i) was not lawfully used in New Zealand immediately before 1 July 2006; or
  - (ii) is covered by the scope of any other Group Standard issued by the Authority; and
- (b) any fuel; and
- (c) pesticide actives and formulated pesticide products; and
- (d) veterinary medicine actives and formulated veterinary medicine products; and
- (e) fertilisers; and
- (f) cosmetic products.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **N.O.S. (Toxic [6.1, 6.7], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002627.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
- (a) a toxic substance, that is—
    - (i) an acute toxicant (HSNO 6.1B or 6.1C classification); or
    - (ii) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification), or
    - (iii) both an acute toxicant (HSNO 6.1B or 6.1C classification) and either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (2) In addition to the hazards referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
- (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

(3) This Group Standard excludes—

- (a) any substance that—
  - (i) was not lawfully used in New Zealand immediately before 1 July 2006; or
  - (ii) is covered by the scope of any other Group Standard issued by the Authority; and
- (b) any fuel; and
- (c) pesticide actives and formulated pesticide products; and
- (d) veterinary medicine actives and formulated veterinary medicine products; and
- (e) fertilisers; and
- (f) cosmetic products; and
- (g) aerosols; and
- (h) compressed gases.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **N.O.S. (Toxic [6.1, 6.7], Corrosive, Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002628.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) A substance covered by this Group Standard must be—
- (a) a toxic substance, that is—
    - (i) an acute toxicant (HSNO 6.1B or 6.1C classification); or
    - (ii) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification), or
    - (iii) both an acute toxicant (HSNO 6.1B or 6.1C classification) and either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (c) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (2) In addition to the hazards referred to in subclause (1), a substance may have any of the following (but only the following) hazards:
- (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;

- (f) contact sensitisation, HSNO 6.5B classification;
- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

(3) This Group Standard excludes—

- (a) any substance that—
  - (i) was not lawfully used in New Zealand immediately before 1 July 2006; or
  - (ii) is covered by the scope of any other Group Standard issued by the Authority; and
- (b) any fuel; and
- (c) pesticide actives and formulated pesticide products; and
- (d) veterinary medicine actives and formulated veterinary medicine products; and
- (e) fertilisers; and
- (f) cosmetic products.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 23: PHOTOGRAPHIC CHEMICALS GROUP STANDARDS**

Photographic Chemicals (Combustible) Group Standard 2006

Photographic Chemicals (Corrosive) Group Standard 2006

Photographic Chemicals (Flammable) Group Standard 2006

Photographic Chemicals (Subsidiary Hazard) Group Standard 2006

Photographic Chemicals (Toxic [6.7]) Group Standard 2006

**Interpretation**

**photographic chemical** means any material used to create or process a permanent photographic image and may include, but is not limited to, developers, bleaches, fixing agents, rinses, stabilisers, drying aids, replenishers, starters, reversing agents, neutralisers, accelerators, desensitisers, and anti-fogging agents

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Photographic Chemicals (Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002635.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a photographic chemical.
- (2) A substance referred to in subclause (1) must be a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (5) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Photographic Chemicals (Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002636.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a photographic chemical.
- (2) A substance referred to in subclause (1) must be a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Photographic Chemicals (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002637.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a photographic chemical.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (5) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Photographic Chemicals (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002638.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a photographic chemical.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (4) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (5) For the purposes of subclause (4), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Photographic Chemicals (Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002639.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a photographic chemical.
- (2) A substance referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (5) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 24: POLYMERS GROUP STANDARDS**

Polymers (Combustible) Group Standard 2006

Polymers (Flammable) Group Standard 2006

Polymers (Flammable, Corrosive) Group Standard 2006

Polymers (Flammable, Toxic [6.7]) Group Standard 2006

Polymers (Subsidiary Hazard) Group Standard 2006

Polymers (Toxic [6.1]) Group Standard 2006

Polymers (Toxic [6.7]) Group Standard 2006

**Interpretation**

**monomer** means a single molecule that can combine with itself and/or other chemical entities to form a polymer

**polymer** means a chemical substance consisting of molecules characterised by the sequence of one or more types of monomer units and comprising a simple weight majority of molecules containing at least 3 monomer units which are bound to at least one other monomer unit or other reactant and which consists of less than a simple weight majority of molecules of the same molecular weight. Such molecules must be distributed over a range of molecular weights wherein differences in the molecular weight are primarily attributable to differences in the number of monomer units

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Polymers (Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002640.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use in the production of a formulated or manufactured polymer product.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance.
- (3) A substance referred to in subclause (1) must be a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (4) In addition to the hazard referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) This Group Standard excludes monomers.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 17 of Schedule 1 is complied with.
- (7) Despite clause 17 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Polymers (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002641.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use in the production of a formulated or manufactured polymer product.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance.
- (3) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (4) In addition to the hazard referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) This Group Standard excludes monomers.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (7) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Polymers (Flammable, Corrosive) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002642.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use in the production of a formulated or manufactured polymer product.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance.
- (3) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (4) In addition to the hazards referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;



- (f) contact sensitisation, HSNO 6.5B classification;
- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) This Group Standard excludes monomers.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (7) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Polymers (Flammable, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002643.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use in the production of a formulated or manufactured polymer product.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance.
- (3) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (4) In addition to the hazards referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;

- (f) contact sensitisation, HSNO 6.5B classification;
- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) This Group Standard excludes monomers.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (7) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Polymers (Subsidiary Hazard) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002644.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use in the production of a formulated or manufactured polymer product.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance.
- (3) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes monomers.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 16 of Schedule 1 is complied with.
- (6) Despite clause 16 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Polymers (Toxic [6.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002645.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use in the production of a formulated or manufactured polymer product.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance.
- (3) A substance referred to in subclause (1) must be an acute toxicant (HSNO 6.1B or 6.1C classification).
- (4) In addition to the hazard referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (5) This Group Standard excludes monomers.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (7) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Polymers (Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002646.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use in the production of a formulated or manufactured polymer product.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance.
- (3) A substance referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (4) In addition to the hazard referred to in subclause (3), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (5) This Group Standard excludes monomers.
- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 18 of Schedule 1 is complied with.
- (7) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 25: REFINING CATALYSTS GROUP STANDARD**

Refining Catalysts Group Standard 2006

**Interpretation**

**refining catalyst** means a catalyst used in petrochemical applications such as the refining of crude oil, fuels and natural gas, as well as other applications such as methanol production and ammonia purification. Refining catalysts are typically transition metals deposited onto a base of solid aluminium oxide pellets (usually 3-10 mm in diameter)

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Refining Catalysts Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002648.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported for use as a refining catalyst.
- (2) A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance.
- (3) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification;
  - (b) skin corrosivity, HSNO 8.2B or 8.2C classification;
  - (c) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (d) eye corrosivity, HSNO 8.3A classification;
  - (e) eye irritancy, HSNO 6.4A classification;
  - (f) respiratory sensitisation, HSNO 6.5A classification;
  - (g) contact sensitisation, HSNO 6.5B classification;
  - (h) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (i) carcinogenicity, HSNO 6.7A or 6.7B classification;
  - (j) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (k) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (l) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 26: SOLVENTS GROUP STANDARDS**

Solvents (Combustible) Group Standard 2006

Solvents (Combustible, Toxic [6.7]) Group Standard 2006

Solvents (Flammable) Group Standard 2006

Solvents (Flammable, Toxic [6.7]) Group Standard 2006

Solvents (Subsidiary Hazard) Group Standard 2006

Solvents (Toxic [6.1]) Group Standard 2006

Solvents (Toxic [6.7]) Group Standard 2006

**Interpretation**

**solvent** means a liquid that dissolves a liquid, solid or gas into solution

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Solvents (Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002649.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a solvent.
- (2) A substance referred to in subclause (1) must be a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) any fuel; and
  - (b) denatured ethanol.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (6) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Solvents (Combustible, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002656.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a solvent.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) any fuel; and
  - (b) denatured ethanol.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Solvents (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002650.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a solvent.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) any fuel; and
  - (b) denatured ethanol.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (6) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Solvents (Flammable, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002652.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a solvent.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;

- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) any fuel; and
  - (b) denatured ethanol.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (6) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Solvents (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002653.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a solvent.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
- (a) any fuel; and
  - (b) denatured ethanol.
- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Solvents (Toxic [6.1]) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002654.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a solvent.
- (2) A substance referred to in subclause (1) must be an acute toxicant (HSNO 6.1B or 6.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) any fuel; and
  - (b) denatured ethanol.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 20 of Schedule 1 is complied with.
- (6) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Solvents (Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002655.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a solvent.
- (2) A substance referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) any fuel; and
  - (b) denatured ethanol.
- (5) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (6) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (7) For the purposes of subclause (6), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 27: SURFACE COATINGS AND COLOURANTS GROUP STANDARDS**

- Surface Coatings and Colourants (Combustible) Group Standard 2006
- Surface Coatings and Colourants (Combustible, Toxic [6.7]) Group Standard 2006
- Surface Coatings and Colourants (Corrosive) Group Standard 2006
- Surface Coatings and Colourants (Corrosive, Combustible) Group Standard 2006
- Surface Coatings and Colourants (Corrosive, Combustible, Toxic [6.7]) Group Standard 2006
- Surface Coatings and Colourants (Corrosive, Toxic [6.7]) Group Standard 2006
- Surface Coatings and Colourants (Flammable) Group Standard 2006
- Surface Coatings and Colourants (Flammable, Corrosive) Group Standard 2006
- Surface Coatings and Colourants (Flammable, Corrosive, Toxic [6.7]) Group Standard 2006
- Surface Coatings and Colourants (Flammable, Toxic [6.1 + 6.7]) Group Standard 2006
- Surface Coatings and Colourants (Flammable, Toxic [6.1 + 6.7], Corrosive) Group Standard 2006
- Surface Coatings and Colourants (Flammable, Toxic [6.1]) Group Standard 2006
- Surface Coatings and Colourants (Flammable, Toxic [6.1], Corrosive) Group Standard 2006
- Surface Coatings and Colourants (Flammable, Toxic [6.7]) Group Standard 2006
- Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2006
- Surface Coatings and Colourants (Toxic [6.1 + 6.7]) Group Standard 2006
- Surface Coatings and Colourants (Toxic [6.1 + 6.7], Combustible) Group Standard 2006
- Surface Coatings and Colourants (Toxic [6.1 + 6.7], Corrosive) Group Standard 2006
- Surface Coatings and Colourants (Toxic [6.1 + 6.7], Corrosive, Combustible) Group Standard 2006
- Surface Coatings and Colourants (Toxic [6.1]) Group Standard 2006
- Surface Coatings and Colourants (Toxic [6.1], Combustible) Group Standard 2006
- Surface Coatings and Colourants (Toxic [6.1], Corrosive) Group Standard 2006
- Surface Coatings and Colourants (Toxic [6.1], Corrosive, Combustible) Group Standard 2006
- Surface Coatings and Colourants (Toxic [6.7]) Group Standard 2006

**Interpretation**

**adhesive** means a material applied to two surfaces causing them to adhere, or a material applied to a surface as a coating or gap filler and includes thinners and all parts of a multi component adhesive

**dye** means an intensely coloured or fluorescent organic material, which imparts colour to a substrate by selective absorption. Dyes are soluble and/or go through an application process which, at least temporarily, destroys any crystal structure of the dye. Dyes are retained in the substrate by absorption, solution and mechanical retention, or by ionic or covalent chemical bonds

**graphic material** means a material which is deposited onto another material by a graphic instrument during writing, drawing or marking

**ink** means a coloured fluid used for writing, drawing or printing and includes ink reducers and overprint varnishes

**paint** includes but is not limited to any material used or intended to be used for application as a colouring or protective coating to any surface, including lacquers, varnishes, stains, all parts of a multi component paint, tinters and thinners, but does not include antifouling paints and cosmetic products

**pigment** means a coloured, black, white, fluorescent or phosphorescent particulate organic or inorganic solid, which is practically insoluble in the application medium. Pigments are usually dispersed in vehicles or substrates for application. Pigments retain a crystal or particulate structure throughout the colouration process

**surface coating and colourant** means any of the following materials, including any raw materials used in their manufacture:

- (a) adhesive; or
- (b) dye; or
- (c) ink; or
- (d) paint; or
- (e) pigment; or
- (f) graphic material





# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002657.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antistain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) octhilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
- (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) octhilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.
- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.

- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (8) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Combustible, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002680.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antistain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) octhilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
- (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) octhilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.
- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.

- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (8) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002658.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antistain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) octhilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
- (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) octhilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.
- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.

- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (8) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Corrosive, Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002659.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (b) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) octhilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
- (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) octhilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.
- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.

- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (8) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Corrosive, Combustible, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002661.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (b) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification); and
  - (c) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) othilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
  - (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) othilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.

- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.
- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (8) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Corrosive, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002660.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antistain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) octhilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
- (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) octhilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.
- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.

- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (8) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Flammable) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002662.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
  - (b) a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antistain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) octhilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
- (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) octhilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.
- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.

- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (8) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Flammable, Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002663.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) othilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
  - (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) othilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.



- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.
- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (8) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Flammable, Corrosive, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002664.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (c) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;

- (f) contact sensitisation, HSNO 6.5B classification;
- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) othilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
  - (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) othilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.

- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.
- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (8) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Flammable, Toxic [6.1 + 6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002665.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (c) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;

- (f) contact sensitisation, HSNO 6.5B classification;
- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) othilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
  - (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) othilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.

- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.
- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (8) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Flammable, Toxic [6.1 + 6.7], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002666.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (c) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (d) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;



- (e) respiratory sensitisation, HSNO 6.5A classification;
- (f) contact sensitisation, HSNO 6.5B classification;
- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) othilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
  - (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) othilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.

- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.
- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (8) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Flammable, Toxic [6.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002667.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) an acute toxicant (HSNO 6.1B or 6.1C classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

(4) This Group Standard excludes—

- (a) antifouling paints; and
- (b) cosmetic products; and
- (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
- (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
- (e) any paint that contains a pesticide active other than one or more of the following:
  - (i) benzalkonium chloride;
  - (ii) copper naphthenate;
  - (iii) iodocarb;
  - (iv) othilinone;
  - (v) oxine copper;
  - (vi) sodium borate;
  - (vii) zinc naphthenate.

(5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—

- (a) benzalkonium chloride, 2.5%;
- (b) copper naphthenate, 35%;
- (c) iodocarb, 2.5%;
- (d) othilinone, 2.5%;
- (e) oxine copper, 2.5%;
- (f) sodium borate, 30%;
- (g) zinc naphthenate, 35%.

- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.
- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 22 of Schedule 1 is complied with.
- (8) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Surface Coatings and Colourants (Flammable, Toxic [6.1], Corrosive) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002668.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (c) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;

- (f) contact sensitisation, HSNO 6.5B classification;
- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) othililnone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
  - (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) othililnone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.

- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.
- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 22 of Schedule 1 is complied with.
- (8) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Flammable, Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002669.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) a flammable liquid—
    - (i) with a flashpoint of less than 23°C and an initial boiling point of greater than 35°C (HSNO 3.1B classification); or
    - (ii) with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;

- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) othililnone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
  - (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) othililnone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.

- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.
- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 22 of Schedule 1 is complied with.
- (8) Despite clause 22 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### **1 Title**

#### **Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002670.

### **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### **3 Scope of Group Standard**

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) This Group Standard excludes—
- (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antispill agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) octhilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (4) Subject to subclause (3)(e), the maximum concentration of each pesticide active allowed in any paint is—
- (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) octhilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.
- (5) Subclause (3)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.

- (6) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (7) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (8) For the purposes of subclause (7), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Toxic [6.1 + 6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002671.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) othilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
- (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) othilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.
- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.



- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (8) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Surface Coatings and Colourants (Toxic [6.1 + 6.7], Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002672.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification); and
  - (c) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;

- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) othilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
  - (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) othilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.

- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.
- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (8) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Toxic [6.1 + 6.7], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002673.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (c) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;

- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) octhilineone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
  - (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) octhilineone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.
- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.

- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (8) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Toxic [6.1 + 6.7], Corrosive, Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002674.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (c) a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification); and
  - (d) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;



- (g) mutagenicity, HSNO 6.6A or 6.6B classification;
- (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) othilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
  - (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) othilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.

- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.
- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
  - (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 21 of Schedule 1 is complied with.
- (8) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Toxic [6.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002675.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be an acute toxicant (HSNO 6.1B or 6.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antistain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) octhilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
- (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) octhilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.
- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.

- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 20 of Schedule 1 is complied with.
- (8) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Toxic [6.1], Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002676.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antistain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) octhilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
- (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) octhilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.
- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.

- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (8) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Toxic [6.1], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002677.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) octhilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
- (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) octhilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.
- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.

- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 20 of Schedule 1 is complied with.
- (8) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Surface Coatings and Colourants (Toxic [6.1], Corrosive, Combustible) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002678.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification); and
  - (c) a flammable liquid with a flashpoint greater than 60°C and less than or equal to 93°C (HSNO 3.1D classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;

- (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
- (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
  - (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antisapstain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) octhilineone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
  - (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) octhilineone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.
- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.

- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (8) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Surface Coatings and Colourants (Toxic [6.7]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002679.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a surface coating or colourant.
- (2) A substance referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) This Group Standard excludes—
- (a) antifouling paints; and
  - (b) cosmetic products; and
  - (c) paints used on trees, shrubs or any other plant for the treatment of wounds or pruning cuts; and
  - (d) timber treatment chemicals or antistain agents used in the commercial treatment of timber at industrial facilities; and
  - (e) any paint that contains a pesticide active other than one or more of the following:
    - (i) benzalkonium chloride;
    - (ii) copper naphthenate;
    - (iii) iodocarb;
    - (iv) octhilinone;
    - (v) oxine copper;
    - (vi) sodium borate;
    - (vii) zinc naphthenate.
- (5) Subject to subclause (4)(e), the maximum concentration of each pesticide active allowed in any paint is—
- (a) benzalkonium chloride, 2.5%;
  - (b) copper naphthenate, 35%;
  - (c) iodocarb, 2.5%;
  - (d) octhilinone, 2.5%;
  - (e) oxine copper, 2.5%;
  - (f) sodium borate, 30%;
  - (g) zinc naphthenate, 35%.
- (6) Subclause (4)(e) does not apply to a biocidal component of a paint that is used as an in-can preservative or dry film biocide.



- (7) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (8) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (9) For the purposes of subclause (8), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

#### **4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.



**PART 28: WATER TREATMENT CHEMICALS GROUP STANDARDS**

Water Treatment Chemicals (Corrosive) Group Standard 2006

Water Treatment Chemicals (Flammable [3.1C]) Group Standard 2006

Water Treatment Chemicals (Oxidising [5.1.1]) Group Standard 2006

Water Treatment Chemicals (Subsidiary Hazard) Group Standard 2006

Water Treatment Chemicals (Toxic [6.1]) Group Standard 2006

Water Treatment Chemicals (Toxic [6.1], Corrosive) Group Standard 2006

Water Treatment Chemicals (Toxic [6.7]) Group Standard 2006

**Interpretation**

**water treatment chemical** means any material used for the treatment of water

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Water Treatment Chemicals (Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002681.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a water treatment chemical.
- (2) A substance referred to in subclause (1) must be a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (5) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Water Treatment Chemicals (Flammable [3.1C]) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002682.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a water treatment chemical.
- (2) A substance referred to in subclause (1) must be a flammable liquid with a flashpoint of greater than or equal to 23°C and less than or equal to 60°C (HSNO 3.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 19 of Schedule 1 is complied with.
- (5) Despite clause 19 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# **Hazardous Substances and New Organisms Act 1996**

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## **1 Title**

### **Water Treatment Chemicals (Oxidising [5.1.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002683.

## **2 Commencement**

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## **3 Scope of Group Standard**

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to substances that are imported or manufactured for use as a water treatment chemical.
- (2) A substance referred to in subclause (1) must be—
  - (a) an oxidising solid or liquid of medium hazard, HSNO 5.1.1B classification; or
  - (b) an oxidising solid or liquid of low hazard, HSNO 5.1.1C classification.
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 21 of Schedule 1 is complied with.
- (5) Despite clause 21 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Water Treatment Chemicals (Subsidiary Hazard) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002684.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a water treatment chemical.
- (2) A substance referred to in subclause (1) must have one or more of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (3) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 18 of Schedule 1 is complied with.
- (4) Despite clause 18 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (5) For the purposes of subclause (4), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Water Treatment Chemicals (Toxic [6.1]) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002685.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a water treatment chemical.
- (2) A substance referred to in subclause (1) must be an acute toxicant (HSNO 6.1B or 6.1C classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
  - (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 20 of Schedule 1 is complied with.
- (5) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

# Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

## 1 Title

### **Water Treatment Chemicals (Toxic [6.1], Corrosive) Group Standard 2006**

#### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002686.

## 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

## 3 Scope of Group Standard

#### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a water treatment chemical.
- (2) A substance referred to in subclause (1) must be—
  - (a) an acute toxicant (HSNO 6.1B or 6.1C classification); and
  - (b) a skin corrosive (HSNO 8.2B or 8.2C classification).
- (3) In addition to the hazards referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) aspiration hazard;
  - (b) metallic corrosivity, HSNO 8.1A classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.

*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a mutagen or reproductive toxicant that is not listed on the Inventory of Chemicals, unless—
- (a) the new mutagen or reproductive toxicant is used to completely replace an existing mutagen or reproductive toxicant in the substance; and
  - (b) the new mutagen or reproductive toxicant has a lower hazard classification than the existing mutagen or reproductive toxicant; and
  - (c) clause 20 of Schedule 1 is complied with.
- (5) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.

## Hazardous Substances and New Organisms Act 1996

Pursuant to section 96B of the Hazardous Substances and New Organisms Act 1996 (**the Act**), the Environmental Risk Management Authority, on its own initiative, gives notice of the issue of this Group Standard.

### 1 Title

#### **Water Treatment Chemicals (Toxic [6.7]) Group Standard 2006**

##### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR002687.

### 2 Commencement

This Group Standard comes into force on 1 July 2006 and applies to substances under section 96B(2)(a), (b) and (c) of the Act.

### 3 Scope of Group Standard

##### *Substances covered by Group Standard*

- (1) This Group Standard applies to solid or liquid substances that are imported or manufactured for use as a water treatment chemical.
- (2) A substance referred to in subclause (1) must be either a known or presumed human carcinogen (HSNO 6.7A classification) or suspected human carcinogen (HSNO 6.7B classification).
- (3) In addition to the hazard referred to in subclause (2), a substance may have any of the following (but only the following) hazards:
  - (a) acute toxicity, HSNO 6.1D or 6.1E classification (including aspiration hazard);
  - (b) skin irritancy, HSNO 6.3A or 6.3B classification;
  - (c) eye corrosivity, HSNO 8.3A classification;
  - (d) eye irritancy, HSNO 6.4A classification;
  - (e) respiratory sensitisation, HSNO 6.5A classification;
  - (f) contact sensitisation, HSNO 6.5B classification;
  - (g) mutagenicity, HSNO 6.6A or 6.6B classification;
  - (h) reproductive toxicity, HSNO 6.8A, 6.8B or 6.8C classification;
  - (i) target organ toxicity, HSNO 6.9A or 6.9B classification;
  - (j) ecotoxicity, HSNO class 9.



*Substances excluded from Group Standard*

- (4) No substance shall be permitted under this Group Standard if it contains a chemical that is a carcinogen, mutagen or reproductive toxicant (CMR) that is not listed on the Inventory of Chemicals, unless—
- (a) the new CMR is used to completely replace an existing CMR in the substance; and
  - (b) the new CMR has a lower hazard classification than the existing CMR; and
  - (c) clause 20 of Schedule 1 is complied with.
- (5) Despite clause 20 of Schedule 1, no substance shall be permitted under this Group Standard if it is a hazardous chemical that is not listed on the Inventory of Chemicals.
- (6) For the purposes of subclause (5), “chemical” means any element or compound in its natural state or obtained by any production process, including any impurities and any additive necessary to preserve the stability of the chemical, but excluding any solvent which may be separated without affecting the stability of the chemical or change its composition.

**4 Conditions of Group Standard**

The obligations and restrictions set out in Schedules 1 and 2 to the Group Standard apply to the substances by way of conditions.