Cleaning Products (Flammable, Corrosive) Group Standard 2017

Pursuant to clause 5 of Schedule 7 of the Hazardous Substances and New Organisms Act 1996 (the Act), the Environmental Protection Authority has reviewed and, for the purpose of updating, reissues this Group Standard.

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1. **Name of Group Standard**  
**Cleaning Products (Flammable, Corrosive) Group Standard 2017**

**HSNO Approval Number**  
The HSNO Approval Number for this Group Standard is HSR002529.

2. **Commencement**  
This Group Standard comes into force on 1 December 2017.

3. **Interpretation**  
(1) In this Group Standard, unless the context otherwise requires, words and phrases shall have the meanings given to them in Schedule 2. Any words or phrases that are used but are not defined in this Group Standard but that are defined in the Act have the same meaning as in the Act.

(2) In this Group Standard, references to a hazardous property of a substance being equivalent to a specified HSNO hazard classification, means a reference to the specified hazard classification as set out in the Hazardous Substances (Classification) Notice 2017.

4. **Scope of Group Standard**  
**Substances covered by Group Standard**

(1) This Group Standard applies to hazardous substances under section 96B(2)(a), (b) and (c) of the Act.

(2) This Group Standard applies to substances that are imported or manufactured for use as a cleaning product.

(3) A substance referred to in subclause (2) 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;

(b) HSNO 6.1E (aspiration hazard) classification;

(c) metallic corrosivity, HSNO 8.1A 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) 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

(5) This Group Standard excludes any substance if it contains—
    (a) asbestos; or
    (b) a chemical that:
        (i) is a persistent organic pollutant within the definition in section 2 of the Act; or
        (ii) exhibits the characteristics of a persistent organic pollutant as set out in paragraph 1 of Annex D to Schedule 1AA of the Act.

(6) This Group Standard excludes a substance that 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.

(7) This Group Standard excludes any substance that 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 changing its composition.

5. Conditions of Group Standard
The conditions that specify the obligations and restrictions for substances covered by this Group Standard are set out in Schedule 1.

Advisory Note: In addition to requirements specified in this document, people who are undertaking work in a workplace involving hazardous substances covered by this Group Standard have obligations under the Health and Safety at Work Act 2015.
Schedule 1: Conditions of Group Standard

Part 1 - Compliance with EPA Notices

1. Labelling and advertising
Substances covered by this Group Standard must comply with the relevant provisions of the Hazardous Substances (Labelling) Notice 2017.

2. Safety Data Sheets
Substances covered by this Group Standard must comply with the relevant provisions of the Hazardous Substances (Safety Data Sheet) Notice 2017.

3. Packaging
Substances covered by this Group Standard must comply with the relevant provisions of the Hazardous Substances (Packaging) Notice 2017.

4. Disposal
Substances covered by this Group Standard must comply with the relevant provisions of the Hazardous Substances (Disposal) Notice 2017.

5. Restrictions on supply, storage and use
(1) Substances covered by this Group Standard must comply with the relevant provisions of the Hazardous Substances (Hazardous Property Controls) Notice 2017.
(2) In addition to subclause (1), 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.
(3) In addition to subclause (1), no substance that is sold or supplied to the general public shall be a substance that 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.

Part 2 - Notification to the Authority

6. Inventory of Chemicals
(1) Where a substance is imported into, or manufactured in, New Zealand after 30 June 2006, the importer or manufacturer must ensure that all hazardous chemicals contained in the substance are listed on the Inventory of Chemicals.
(2) If that substance contains a hazardous chemical that is not listed on the Inventory of Chemicals, then the importer or manufacturer of the substance must at the time they first import or manufacture the substance, notify the Authority in writing of—
   (a) the name of the substance; and
(b) the HSNO approval number and/or title of the group standard under which the substance is deemed to have been approved; and
(c) the name and CAS number of the chemical not listed on the Inventory of Chemicals that is present in the substance; and
(d) the concentration of that chemical in the substance; and
(e) the hazardous properties of the chemical, including the provision of the relevant hazard data used to assign the substance to the group standard; and
(f) the proposed use of the substance.

(3) Subclause (2) applies subject to clause 4(6) - (8) of this Group Standard (Scope of Group Standard).

Part 3 - Other Matters

7. Fragrance materials
   Any fragrance material added to a substance shall comply with the IFRA Standards and restrictions as set out in the IFRA Code of Practice.

8. Assigning a substance to a group standard
   (1) If an importer or manufacturer considers that this Group Standard applies to the importation or manufacture of a substance, then the importer or manufacturer is responsible for assigning the substance to this Group Standard.
   (2) In order to assign the substance to this Group Standard, the importer or manufacturer must—
      (a) ensure that the substance complies with clause 4 of this Group Standard (Scope of Group Standard); and
      (b) keep a record of how it was determined the substance complies with clause 4 of this Group Standard.
   (3) The importer or manufacturer must—
      (a) ensure that the record contains sufficient information to allow for independent verification that the substance complies with clause 4 of this Group Standard (Scope of Group Standard); and
      (b) have that record available for inspection.
Schedule 2: Interpretation

antimicrobial product means a disinfectant or a sanitiser

asbestos has the same meaning as in the Health and Safety at Work (Asbestos) Regulations 2016 but does not include substances that contain naturally occurring traces of asbestos

CAS number means Chemical Abstract Services Registry number

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

condition means any obligation or restriction imposed upon a substance by a group standard

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

disinfectant means a material which under defined conditions is capable of disinfection

disinfection means the destruction of micro-organisms where the level of micro-organisms is reduced to a level acceptable for a defined purpose

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

IFRA Code of Practice means the code of practice published by the International Fragrance Association, as amended for the 39th time and subsequent amendments. The website URL for the IFRA Code of Practice is http://www.ifraorg.org

Inventory of Chemicals means an inventory kept and maintained by the Authority of chemicals known to be present in New Zealand

micro-organism means a microscopic entity capable of replication including bacteria, viruses and the microscopic forms of algae, fungi and protozoa

sanitiser means a material which is represented to be suitable for use in the reduction of micro-organisms to a level acceptable for a defined purpose

substance means cleaning product that is within the scope of clause 4 of this Group Standard (Scope of Group Standard)
**surface active agent** means any material used to lower the surface and/or interfacial tension of liquids and promote cleaning, wetting, dispersion, emulsification etc.

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

**workplace** has the same meaning as in the Health and Safety at Work Act 2015.
Explanatory note

This note is not part of the group standard but is intended to provide guidance to users of the group standard.

(1) This Group Standard includes cleaning products that are for—
   (a) domestic use; and
   (b) use in a workplace.

(2) Typical substances covered by this Group Standard include—
   - acid cleaning products;
   - alcohol based cleaning products;
   - alkali / caustic cleaning products;
   - antimicrobial products, including oxygen based and chlorine based bleaches;
   - cleaning products containing surface active agents;
   - hydrocarbon solvent based cleaning products;
   - odour neutralisers, odour masking product and odour treatments;
   - soap based cleaning products.

(3) Under the Act, section 96E(3) provides that a hazardous substance to which section 96B(2)(a) applies is deemed to have been approved by the Authority under section 29.

(4) Any transitional measures that were in this Group Standard immediately prior to 1 December 2017 but have expired have not been included in this reissued Group Standard.

(5) All amendments made under section 96B to the Group Standard since it was first issued that are still in force have been incorporated into this reissued Group Standard.

(6) In addition to requirements specified in this document, people who are undertaking work in a workplace involving hazardous substances covered by this Group Standard have obligations under the Health and Safety at Work Act 2015.

(7) A person relying on this Group Standard will have four years (until 1 December 2021) to comply with the Labelling, Safety Data Sheet and Packaging Notices. Within that time, a person may comply with the equivalent conditions in the Group Standard in force immediately before 1 December 2017. All other aspects of this Group Standard apply from 1 December 2017.