

# SAFETY DATA SHEET



HG extra, cement & grout residue remover

## Section 1. Identification

**Product identifier** : HG extra, cement & grout residue remover  
**Other means of identification** : HG extra  
**Product type** : Liquid.

### Relevant identified uses of the substance or mixture and uses advised against

Not applicable.

**Supplier's details** : Solstrand Trading  
2871 Brighton Road  
Oakville, Ontario  
L6H 6C9  
Canada

**Emergency telephone number (with hours of operation)** : Chem. Tel Inc. (813) 248 0585 or Toll free (800) 255 3924 (24h)

## Section 2. Hazard identification

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 4  
ACUTE TOXICITY (oral) - Category 4  
SKIN CORROSION - Category 1  
SERIOUS EYE DAMAGE - Category 1

### GHS label elements

#### Hazard pictograms



**Signal word** : Danger

**Hazard statements** : Combustible liquid.  
Harmful if swallowed.  
Causes severe skin burns and eye damage.

### Precautionary statements

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Wear protective gloves: > 8 hours (breakthrough time): butyl rubber. Wear eye or face protection: Recommended: chemical splash goggles.. Wear protective clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

**Response** : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.

**Storage** : Store locked up.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

## Section 2. Hazard identification

**Supplemental label elements** : Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 77,2%

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture  
**Other means of identification** : HG extra

### CAS number/other identifiers

**CAS number** : Not applicable.  
**Product code** : 101 64

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-aid measures

### Description of necessary first aid measures

- Eye contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention if symptoms occur. Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Remove dentures if any. Stop if the exposed person feels sick as vomiting may be dangerous. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Causes severe burns.
- Ingestion** : Harmful if swallowed.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
 pain  
 watering  
 redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
 pain or irritation  
 redness  
 blistering may occur

## Section 4. First-aid measures

**Ingestion** : Adverse symptoms may include the following:  
stomach pains

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing media** : Do not use water jet.

**Specific hazards arising from the chemical** : Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
phosphorus oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

## Section 6. Accidental release measures

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). The spilled material may be neutralized with sodium carbonate, sodium bicarbonate or sodium hydroxide. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Keep away from alkalis. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from alkalis. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

| Ingredient name           | Exposure limits   |
|---------------------------|---|
| Phosphoric acid, solution | <p><b>CA Alberta Provincial (Canada, 4/2009).</b><br/> <b>Skin sensitizer.</b><br/>           15 min OEL: 3 mg/m<sup>3</sup> 15 minutes.<br/>           8 hrs OEL: 1 mg/m<sup>3</sup> 8 hours.</p> <p><b>CA British Columbia Provincial (Canada, 5/2015).</b><br/>           STEL: 3 mg/m<sup>3</sup> 15 minutes.<br/>           TWA: 1 mg/m<sup>3</sup> 8 hours.</p> <p><b>CA Ontario Provincial (Canada, 7/2015).</b><br/>           STEL: 3 mg/m<sup>3</sup> 15 minutes.<br/>           TWA: 1 mg/m<sup>3</sup> 8 hours.</p> |

## Section 8. Exposure controls/personal protection

oxalic acid

Isopropyl alcohol

**CA Quebec Provincial (Canada, 1/2014).**

STEV: 3 mg/m<sup>3</sup> 15 minutes.

TWAEV: 1 mg/m<sup>3</sup> 8 hours.

**CA Saskatchewan Provincial (Canada).**

STEL: 3 mg/m<sup>3</sup> 15 minutes.

TWA: 1 mg/m<sup>3</sup> 8 hours.

**CA Alberta Provincial (Canada, 4/2009).**

**Skin sensitizer.**

15 min OEL: 2 mg/m<sup>3</sup> 15 minutes.

8 hrs OEL: 1 mg/m<sup>3</sup> 8 hours.

**CA British Columbia Provincial (Canada, 5/2015).**

STEL: 2 mg/m<sup>3</sup> 15 minutes.

TWA: 1 mg/m<sup>3</sup> 8 hours.

**CA Ontario Provincial (Canada, 7/2015).**

STEL: 2 mg/m<sup>3</sup> 15 minutes.

TWA: 1 mg/m<sup>3</sup> 8 hours.

**CA Quebec Provincial (Canada, 1/2014).**

STEV: 2 mg/m<sup>3</sup> 15 minutes.

TWAEV: 1 mg/m<sup>3</sup> 8 hours.

**CA Saskatchewan Provincial (Canada).**

STEL: 2 mg/m<sup>3</sup> 15 minutes.

TWA: 1 mg/m<sup>3</sup> 8 hours.

**CA Alberta Provincial (Canada, 4/2009).**

15 min OEL: 984 mg/m<sup>3</sup> 15 minutes.

8 hrs OEL: 200 ppm 8 hours.

15 min OEL: 400 ppm 15 minutes.

8 hrs OEL: 492 mg/m<sup>3</sup> 8 hours.

**CA British Columbia Provincial (Canada, 5/2015).**

TWA: 200 ppm 8 hours.

STEL: 400 ppm 15 minutes.

**CA Ontario Provincial (Canada, 7/2015).**

TWA: 200 ppm 8 hours.

STEL: 400 ppm 15 minutes.

**CA Quebec Provincial (Canada, 1/2014).**

TWAEV: 400 ppm 8 hours.

TWAEV: 983 mg/m<sup>3</sup> 8 hours.

STEV: 500 ppm 15 minutes.

STEV: 1230 mg/m<sup>3</sup> 15 minutes.

**CA Saskatchewan Provincial (Canada).**

STEL: 400 ppm 15 minutes.

TWA: 200 ppm 8 hours.

**Appropriate engineering controls**

- : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental exposure controls**

- : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Individual protection measures**

**Hygiene measures**

- : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## Section 8. Exposure controls/personal protection

- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead. Recommended: chemical splash goggles.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. > 8 hours (breakthrough time): butyl rubber
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid.
- Color** : Colorless to light yellow.
- Odor** : Fragrance-like.
- Odor threshold** : Not available.
- pH** : <1 [Conc. (% w/w): 100%]
- Melting point** : Not available.
- Boiling point** : 100°C (212°F)
- Flash point** : Closed cup: 62°C (143.6°F) [Product does not sustain combustion.]
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Relative density** : 1.135
- Solubility** : Not available.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Not available.

## Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
- Incompatible materials** : Attacks many metals producing extremely flammable hydrogen gas which can form explosive mixtures with air.  
Reactive or incompatible with the following materials:  
alkalis  
oxidizing materials
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name   | Result      | Species | Dose        | Exposure |
|---------------------------|-------------|---------|-------------|----------|
| Phosphoric acid, solution | LD50 Oral   | Rat     | 1.25 g/kg   | -        |
| Isopropyl alcohol         | LD50 Dermal | Rabbit  | 12800 mg/kg | -        |
|                           | LD50 Oral   | Rat     | 5000 mg/kg  | -        |

#### Irritation/Corrosion

| Product/ingredient name | Result                   | Species | Score | Exposure                          | Observation |
|-------------------------|--------------------------|---------|-------|-----------------------------------|-------------|
| oxalic acid             | Eyes - Severe irritant   | Rabbit  | -     | 24 hours 250 Micrograms           | -           |
|                         | Eyes - Severe irritant   | Rabbit  | -     | 0.06666667 minutes 100 milligrams | -           |
|                         | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams           | -           |
| Isopropyl alcohol       | Eyes - Moderate irritant | Rabbit  | -     | 24 hours 100 milligrams           | -           |
|                         | Eyes - Moderate irritant | Rabbit  | -     | 10 milligrams                     | -           |
|                         | Eyes - Severe irritant   | Rabbit  | -     | 100 milligrams                    | -           |
|                         | Skin - Mild irritant     | Rabbit  | -     | 500 milligrams                    | -           |

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Reproductive toxicity

Not available.

#### Teratogenicity

## Section 11. Toxicological information

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Not available.

### Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Causes severe burns.
- Ingestion** : Harmful if swallowed.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:
  - pain
  - watering
  - redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:
  - pain or irritation
  - redness
  - blistering may occur
- Ingestion** : Adverse symptoms may include the following:
  - stomach pains

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

- General** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates



## Section 11. Toxicological information

| Route | ATE value    |
|-------|--------------|
| Oral  | 1348,8 mg/kg |

## Section 12. Ecological information

### Toxicity

| Product/ingredient name   | Result                                       | Species                          | Exposure |
|---------------------------|--|----------------------------------|----------|
| Phosphoric acid, solution | Acute EC50 105 ppm Fresh water               | Daphnia - Daphnia magna          | 48 hours |
| oxalic acid               | Acute LC50 60 ppm Fresh water                | Fish - Lepomis macrochirus       | 96 hours |
| Isopropyl alcohol         | Acute EC50 136900 to 150000 µg/l Fresh water | Daphnia - Daphnia magna - Larvae | 48 hours |
|                           | Acute LC50 1400000 µg/l Marine water         | Crustaceans - Crangon crangon    | 48 hours |
|                           | Acute LC50 4200 mg/l Fresh water             | Fish - Rasbora heteromorpha      | 96 hours |

### Persistence and degradability

| Product/ingredient name | Test | Result          | Dose | Inoculum |
|-------------------------|------|-----------------|------|----------|
| oxalic acid             | -    | >70 % - 28 days | -    | -        |

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| oxalic acid             | -                 | -          | Readily          |

### Bioaccumulative potential

| Product/ingredient name | LogP <sub>ow</sub> | BCF | Potential |
|-------------------------|--------------------|-----|-----------|
| oxalic acid             | -1,7               | -   | low       |
| Isopropyl alcohol       | 0,05               | -   | low       |

### Mobility in soil






Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

Other adverse effects : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

|                                   | <b>TDG<br/>Classification</b>   | <b>DOT<br/>Classification</b>  | <b>ADR/RID</b>   | <b>IMDG</b>  | <b>IATA</b>  |
|-----------------------------------|---|--|--|--|--|
| <b>UN number</b>                  | UN1760  | UN1760   | UN1760   | UN1760   | UN1760   |
| <b>UN proper shipping name</b>    | CORROSIVE LIQUID, N.O.S. (Phosphoric acid, solution, mixture)   | CORROSIVE LIQUID, N.O.S. (Phosphoric acid, solution, mixture)  | CORROSIVE LIQUID, N.O.S. (Phosphoric acid, solution, mixture)  | CORROSIVE LIQUID, N.O.S. (Phosphoric acid, solution, mixture)                            | CORROSIVE LIQUID, N.O.S. (Phosphoric acid, solution, mixture)                            |
| <b>Transport hazard class(es)</b> | 8<br>                                      | 8<br>   | 8<br>                   | 8<br> | 8<br> |
| <b>Packing group</b>              | III   | III  | III  | III  | III  |
| <b>Environmental hazards</b>      | No.   | No.  | No.  | No.  | No.  |
| <b>Additional information</b>     | Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.40-2.42 (Class 8). | <b>Reportable quantity</b><br>24250.5 lbs / 11009.7 kg [42.772 gal / 161.91 L]<br>Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements. | <b>Hazard identification number</b><br>80<br><b>Limited quantity</b><br>5 L<br><b>Tunnel code</b><br>(E) | <b>Emergency schedules (EmS)</b><br>F-A, S-B   | -  |

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL and the IBC Code** : Not available.

## Section 15. Regulatory information

### Canadian lists

**Canadian NPRI** : The following components are listed: Phosphorus (total); Isopropyl alcohol

**CEPA Toxic substances** : None of the components are listed.

**Canada inventory** : Not determined.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

## Section 15. Regulatory information

### Stockholm Convention on Persistent Organic Pollutants

Not listed.

### Rotterdam Convention on Prior Inform Consent (PIC)

Not listed.

### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

|                          |  |
|--------------------------|--|
| <b>Australia</b>         | : Not determined.  |
| <b>China</b>             | : Not determined.  |
| <b>Europe</b>            | : Not determined.  |
| <b>Japan</b>             | : <b>Japan inventory (ENCS)</b> : Not determined.<br><b>Japan inventory (ISHL)</b> : Not determined. |
| <b>Malaysia</b>          | : Not determined.  |
| <b>New Zealand</b>       | : Not determined.  |
| <b>Philippines</b>       | : Not determined.  |
| <b>Republic of Korea</b> | : Not determined.  |
| <b>Taiwan</b>            | : Not determined.  |
| <b>Turkey</b>            | : Not determined.  |
| <b>United States</b>     | : Not determined.  |

## Section 16. Other information

### History

|                                       |                          |
|---------------------------------------|--------------------------|
| <b>Date of printing</b>               | : 29-1-2016              |
| <b>Date of issue/Date of revision</b> | : 13-1-2016              |
| <b>Date of previous issue</b>         | : No previous validation |
| <b>Version</b>                        | : 1                      |

|                             |  |
|-----------------------------|--|
| <b>Key to abbreviations</b> | : ATE = Acute Toxicity Estimate<br>BCF = Bioconcentration Factor<br>GHS = Globally Harmonized System of Classification and Labelling of Chemicals<br>IATA = International Air Transport Association<br>IBC = Intermediate Bulk Container<br>IMDG = International Maritime Dangerous Goods<br>LogPow = logarithm of the octanol/water partition coefficient<br>MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)<br>UN = United Nations<br>HPR = Hazardous Products Regulations |
|-----------------------------|--|

### Procedure used to derive the classification

| Classification                     | Justification         |
|------------------------------------|-----------------------|
| FLAMMABLE LIQUIDS - Category 4     | On basis of test data |
| ACUTE TOXICITY (oral) - Category 4 | Calculation method    |
| SKIN CORROSION - Category 1        | On basis of test data |
| SERIOUS EYE DAMAGE - Category 1    | On basis of test data |

**References** : Not available.

🔍 Indicates information that has changed from previously issued version.

### Notice to reader

## Section 16. Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.