## **SAFETY DATA SHEET**

HG for dispelling unpleasant odours in sports clothing



# SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : HG for dispelling unpleasant odours in sports clothing

Product code : 133 ART
Product description : Cleaner.
Product type : Solid.

Other means of : Not available.

identification

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

#### 1.3 Details of the supplier of the safety data sheet

**HG International BV** 

Damsluisweg 70 - NL-1332 EJ - Almere - The Netherlands Tel.: +31 (0)36 54 94 700 - Fax: +31 (0)36 54 94 744

Email: info@hg.eu - Internet: www.hg.eu

e-mail address of person : safety@hg.eu

responsible for this SDS

#### **National contact**

HG Hagesan UK Ltd.

Unit 2

Lanswood Park
Broomfield Road
Elmstead Market
Colchester
Essex

CO7 7FD Tel.: 0044 (0)1206 822744 Fax: 0044 (0)1206 827019

### 1.4 Emergency telephone number

#### **National advisory body/Poison Centre**

Telephone number : England and Wales

NHS Direct: 0845 4647

**Scotland** 

NHS 24: 08454 24 24 24

Republic of Ireland

01 809 2166

**Supplier** 

**Telephone number** : +31 (0)36 54 94 777 **Hours of operation** : Mo-Fr 9.00-17.00

**Information limitations** : Only for medical personnel.

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#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Ox. Sol. 3, H272 Acute Tox. 4, H302 Eye Dam. 1, H318

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

#### 2.2 Label elements

Hazard pictograms







Signal word : Danger

**Hazard statements** : May intensify fire; oxidiser.

Harmful if swallowed.

Causes serious eye damage.

**Precautionary statements** 

General: If medical advice is needed: Have product container or label at hand. Keep out of

reach of children.

**Prevention**: Do not eat, drink or smoke when using this product. Wear eye protection.

Response : IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. IF IN

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

Storage : Not applicable

Disposal : Not applicable

**Hazardous ingredients**: disodium carbonate, compound with hydrogen peroxide (2:3)

Supplemental label

elements

: Not applicable.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Not applicable.

**Special packaging requirements** 

Containers to be fitted : with child-resistant

fastenings

: Not applicable.

Tactile warning of danger: Yes, applicable.

2.3 Other hazards

Other hazards which do : not result in classification

: None known.

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## **SECTION 3: Composition/information on ingredients**

3.2 Mixtures : Mixture

| Product/ingredient name                                   | Identifiers                      | %         | Regulation (EC) No.<br>1272/2008 [CLP]  | Туре |
|---|----------------------------------|-----------|---|------|
| disodium carbonate, compound with hydrogen peroxide (2:3) | EC: 239-707-6<br>CAS: 15630-89-4 | ≥75 - <90 | Ox. Sol. 3, H272<br>Acute Tox. 4, H302<br>Eye Dam. 1, H318                    | [1]  |
| sodium carbonate  | EC: 207-838-8<br>CAS: 497-19-8   | ≥5 - <10  | Eye Irrit. 2, H319  | [1]  |
|   |                                  |           | See Section 16 for<br>the full text of the H<br>statements declared<br>above. |      |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

#### **Type**

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern

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

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

Eye contact : Get

: 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. Flush contaminated skin with plenty of 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.

**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.

## 4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

**Eye contact** 

: Adverse symptoms may include the following:

pain watering redness

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#### SECTION 4: First aid measures

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

#### 4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

: No specific treatment. Specific treatments

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing

media

: Not applicable

Unsuitable extinguishing

media

: Not applicable

#### 5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture : Oxidising material. May intensify fire. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or

drain.

**Hazardous combustion** 

products

Decomposition products may include the following materials:

carbon dioxide carbon monoxide sulfur oxides metal oxide/oxides

#### 5.3 Advice for firefighters

**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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

### **SECTION 6: Accidental release measures**

#### 6.1 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 spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialised 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".

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### **SECTION 6: Accidental release measures**

## 6.2 Environmental precautions

: Avoid dispersal of spilt 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). Water polluting material. May be harmful to the environment if released in large quantities.

#### 6.3 Methods and material for containment and cleaning up

**Small spill** 

: Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Large spill

Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.

6.4 Reference to other sections

See Section 1 for emergency contact information.
 See Section 8 for information on appropriate personal protective equipment.
 See Section 13 for additional waste treatment information.

### **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 7.1 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 ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from clothing, incompatible materials and combustible materials. Keep away from heat. 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.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. 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. Separate from reducing agents and combustible 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 unlabelled containers. Use appropriate containment to avoid environmental contamination.

#### Seveso Directive - Reporting thresholds (in tonnes)

#### **Danger criteria**

|                                  | Notification and MAPP threshold | Safety report threshold |
|----------------------------------|---------------------------------|-------------------------|
| P8: Oxidizing liquids and solids | 50                              | 200                     |

#### 7.3 Specific end use(s)

Recommendations

**Industrial sector specific** 

solutions

: Not available.

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## **SECTION 8: Exposure controls/personal protection**

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

#### 8.1 Control parameters

#### Occupational exposure limits

No exposure limit value known.

## Recommended monitoring procedures

: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### **DNELs/DMELs**

No DNELs/DMELs available.

#### **PNECs**

No PNECs available

#### 8.2 Exposure controls

Appropriate engineering controls

: If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

#### **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.

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: splash goggles

#### **Skin protection**

Hand protection Body protection : Not applicable

. Not applicable

: 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.

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## SECTION 8: Exposure controls/personal protection

**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.

## SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

**Appearance** 

**Physical state** : Solid. Colour : White.

: Characteristic. Odour **Odour threshold** : Not available.

pН : 10,68 [Conc. (% w/w): 10%]

Melting point/freezing point Initial boiling point and

boiling range

: Not available. Not available.

Flash point : Not available. **Evaporation rate** Not available. Flammability (solid, gas) : Not available. Upper/lower flammability or : Not available.

explosive limits

Vapour pressure : Not available. Vapour density : Not available. Relative density : Not available.

Solubility(ies) : Easily soluble in the following materials: hot water.

Soluble in the following materials: cold water.

Partition coefficient: n-octanol/ : Not available.

water

**Auto-ignition temperature** Not available. **Decomposition temperature** : Not available. : Not available. **Viscosity Explosive properties** Not available. **Oxidising properties** : Not available.

9.2 Other information

Solubility in water : Not available.

No additional information.

## SECTION 10: Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : The product is stable.

10.3 Possibility of hazardous reactions : Hazardous reactions or instability may occur under certain conditions of storage or

Conditions may include the following: contact with combustible materials Reactions may include the following: risk of causing or intensifying fire

10.4 Conditions to avoid Not applicable

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## **SECTION 10: Stability and reactivity**

**10.5 Incompatible materials** : Reactive or incompatible with the following materials:

combustible materials reducing materials

10.6 Hazardous decomposition products

: Under normal conditions of storage and use, hazardous decomposition products

should not be produced.

## **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

#### **Acute toxicity**

| Product/ingredient name   | Result    | Species | Dose       | Exposure |
|---|-----------|---------|------------|----------|
| disodium carbonate,<br>compound with hydrogen<br>peroxide (2:3) | LD50 Oral | Rat     | 2400 mg/kg | -        |
| sodium carbonate  | LD50 Oral | Rat     | 4090 mg/kg | -        |

**Conclusion/Summary**: Not available.

**Acute toxicity estimates** 

Not available.

#### **Irritation/Corrosion**

| Product/ingredient name | Result                   | Species | Score | Exposure                         | Observation |
|-------------------------|--------------------------|---------|-------|----------------------------------|-------------|
| sodium carbonate        | Eyes - Mild irritant     | Rabbit  |       | 0,5 minutes<br>100<br>milligrams | -           |
|                         | Eyes - Moderate irritant | Rabbit  |       | 24 hours 100 milligrams          | -           |
|                         | Eyes - Severe irritant   | Rabbit  | -     | 50 milligrams                    | -           |
|                         | Skin - Mild irritant     | Rabbit  |       | 24 hours 500 milligrams          | -           |

Conclusion/Summary

**Sensitisation** 

: Not available.

Conclusion/Summary

: Not available.

**Mutagenicity** 

**Conclusion/Summary** 

: Not available.

**Carcinogenicity** 

**Conclusion/Summary** 

: Not available.

Reproductive toxicity

**Conclusion/Summary** 

: Not available.

**Teratogenicity** 

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

#### **Aspiration hazard**

Not available.

Information on likely routes

: Not available.

of exposure

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## **SECTION 11: Toxicological information**

#### Potential acute health effects

**Eye contact** : Causes serious eye damage.

Inhalation : No known significant effects or critical hazards.Skin contact : No known significant effects or critical hazards.

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 as well as 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

: Not available.

effects

Potential delayed effects : Not available.

#### Potential chronic health effects

Not available.

**Conclusion/Summary**: 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.

Other information : Not available.

## **SECTION 12: Ecological information**

#### 12.1 Toxicity

| Product/ingredient name   | Result   | Species  | Exposure                                     |
|---|--|--|--|
| disodium carbonate,<br>compound with hydrogen<br>peroxide (2:3) | Acute IC50 68000 μg/l Fresh water  | Algae - Pseudokirchneriella subcapitata  | 96 hours                                     |
| sodium carbonate  | Acute EC50 242000 μg/l Fresh water<br>Acute LC50 176000 μg/l Fresh water<br>Acute LC50 265000 μg/l Fresh water<br>Acute LC50 300000 μg/l Fresh water | Algae - Navicula seminulum<br>Crustaceans - Amphipoda<br>Daphnia - Daphnia magna<br>Fish - Lepomis macrochirus | 96 hours<br>48 hours<br>48 hours<br>96 hours |

**Conclusion/Summary**: Readily biodegradable

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## **SECTION 12: Ecological information**

#### 12.2 Persistence and degradability

Conclusion/Summary : Readily biodegradable

| Product/ingredient name                                | Aquatic half-life | Photolysis | Biodegradability |
|--|-------------------|------------|------------------|
| HG for dispelling unpleasant odours in sports clothing | -                 | -          | Readily          |

#### 12.3 Bioaccumulative potential

Not available.

#### 12.4 Mobility in soil

Soil/water partition

: Not available.

coefficient (Koc)

**Mobility** 

: Not available.

#### 12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

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

### **SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 13.1 Waste treatment methods

#### **Product**

**Methods of disposal** 

: The generation of waste should be avoided or minimised 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.

**Hazardous waste** 

**Packaging** 

**Methods of disposal** 

: The classification of the product may meet the criteria for a hazardous waste.

: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered

when recycling is not feasible.

**Special precautions** 

: 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. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## **SECTION 14: Transport information**

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## SECTION 14: Transport information

|                                    | ADR/RID   | ADN   | IMDG  | IATA  |
|------------------------------------|---|---|---|---|
| 14.1 UN number                     | UN1479  | UN1479  | UN1479  | UN1479  |
| 14.2 UN proper shipping name       | Oxidising solid, n.o.s. (sodium carbonate, mixture)                   | Oxidising solid, n.o.s. (sodium carbonate, mixture) | Oxidizing substances, solid, n.o.s. (sodium carbonate, mixture) | Oxidizing substances, solid, n.o.s. (sodium carbonate, mixture) |
| 14.3 Transport<br>hazard class(es) | 5.1   | 5.1   | 5.1   | 5.1   |
| 14.4 Packing group                 | III   | III   | III   | III   |
| 14.5<br>Environmental<br>hazards   | No.   | No.   | No.   | No.   |
| Additional information             | Hazard identification number 50 Limited quantity 5 kg Tunnel code (E) | -   | Emergency<br>schedules (EmS)<br>F-G, S-Q                        | -   |

user

14.6 Special precautions for : 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.

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

## **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH)

**Annex XIV - List of substances subject to authorisation** 

**Annex XIV** 

None of the components are listed.

**Substances of very high concern** 

None of the components are listed.

**Annex XVII - Restrictions** : Not applicable.

on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

**Other EU regulations** 

**Europe inventory** : All components are listed or exempted.

Ozone depleting substances (1005/2009/EU)

Not listed.

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## **SECTION 15: Regulatory information**

#### Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

#### **Seveso Directive**

This product is controlled under the Seveso Directive.

#### **Danger criteria**

#### **Category**

P8: Oxidizing liquids and solids

#### International regulations

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

Not listed.

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

Not listed.

#### **Stockholm Convention on Persistent Organic Pollutants**

Not listed.

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

Not listed.

#### **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

#### **International lists**

#### **National inventory**

Australia : All components are listed or exempted.

Canada : All components are listed or exempted.

China : All components are listed or exempted.

Japan : Japan inventory (ENCS): All components are listed or exempted.

Japan inventory (ISHL): Not determined.

Malaysia : Not determined.

New Zealand : All components are listed or exempted.
Philippines : All components are listed or exempted.
Republic of Korea : All components are listed or exempted.
Taiwan : All components are listed or exempted.
Turkey : All components are listed or exempted.
United States : All components are listed or exempted.

### 15.2 Chemical safety

assessment

: This product contains substances for which Chemical Safety Assessments are still

required.

#### SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms

: ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation (Regulation (EC) No.

1272/2008]

DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number

vPvB = Very Persistent and Very Bioaccumulative

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#### **SECTION 16: Other information**

#### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification   | Justification                                   |
|--|---|
| Ox. Sol. 3, H272<br>Acute Tox. 4, H302<br>Eye Dam. 1, H318 | Expert judgment Expert judgment Expert judgment |

#### Full text of abbreviated H statements

|      | May intensify fire; oxidiser.  |
|------|--------------------------------|
|      | Harmful if swallowed.          |
|      | Causes serious eye damage.     |
| H319 | Causes serious eye irritation. |

#### Full text of classifications [CLP/GHS]

| Acute Tox. 4, H302 | ACUTE TOXICITY (oral) - Category 4             |
|--------------------|--|
| Eye Dam. 1, H318   | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 |
| Eye Irrit. 2, H319 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 |
| Ox. Sol. 3, H272   | OXIDISING SOLIDS - Category 3                  |

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#### **Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed 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.

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