# SAFETY DATA SHEET

## Interzone 1000 Golden Yellow Part A

## Section 1. Identification

**Interzone 1000 Golden Yellow Part A** : **GHS product identifier**

**EPA480** : **Product code**

| Identified uses |
|---|
| Professional application of coatings and inks |

| Uses advised against | Reason |
|---|---|
| All Other Uses | |

International Farg AB
Holmedalen 3
Aspereds Industriomrade
SE-424 22 Angered
Sweden

Tel: +46 (0) 31 928500 Fax: +46 (0) 31 928530

: **Supplier's details**

+46 8 33 12 31 : **Emergency telephone number (with hours of operation)**

+966 55 388 0087 : **National advisory body/ Poison Centre (For use only by licensed medical professionals.)**

sdsfellinguk@akzonobel.com : **e-mail address of person responsible for this SDS**

## Section 2. Hazards identification

FLAMMABLE LIQUIDS - Category 3
SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
SKIN SENSITIZATION - Category 1
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (hearing organs) - Category 2
LONG-TERM AQUATIC HAZARD - Category 2

: **Classification of the substance or mixture**

**GHS label elements**

: **Hazard pictograms**

Warning : **Signal word**

Flammable liquid and vapour. : **Hazard statements**
Causes serious eye irritation.
Causes skin irritation.
May cause an allergic skin reaction.
May cause damage to organs through prolonged or repeated exposure. (hearing organs)
Toxic to aquatic life with long lasting effects.

## Section 2. Hazards identification

**Precautionary statements**

| | |
|---|---|
| Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Avoid release to the environment. Do not breathe vapour. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. | : **Prevention** |
| Collect spillage. Get medical attention if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. | : **Response** |
| Store in a well-ventilated place. Keep cool. | : **Storage** |
| Dispose of contents and container in accordance with all local, regional, national and international regulations. | : **Disposal** |
| Wear appropriate respirator when ventilation is inadequate. | : **Supplemental label elements** |
| None known. | : **Other hazards which do not result in classification** |

## Section 3. Composition/information on ingredients

Mixture : **Substance/mixture**

| Classification | CAS number | % by weight | Ingredient name |
|---|---|---|---|
| Skin Irrit. 2, H315<br><br>Eye Irrit. 2A, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 | 25068-38-6 | ≥25 - ≤50 | reaction product: bisphenol-A-(epichlorhydrin); epoxy resin |
| Flam. Liq. 3, H226<br>Acute Tox. 4, H312<br>Acute Tox. 4, H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>STOT SE 3, H335<br>Asp. Tox. 1, H304 | 1330-20-7 | ≤10 | xylene |
| Skin Irrit. 2, H315<br><br>Eye Irrit. 2A, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 | 68081-84-5 | ≤5 | Oxirane, mono[(C10-16-alkyloxy)methyl] derivs. |
| Flam. Liq. 2, H225<br>Acute Tox. 4, H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>STOT SE 3, H335<br>STOT RE 2, H373 (hearing organs)<br>Asp. Tox. 1, H304 | 100-41-4 | ≤3 | ethylbenzene |

## Section 3. Composition/information on ingredients

**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**

| | |
|---|---|
| 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. Get medical attention. | : **Eye contact** |
| Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention following exposure or if feeling unwell. 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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. | : **Inhalation** |
| Wash with plenty of 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. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. | : **Skin contact** |
| Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention following exposure or if feeling unwell. 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. | : **Ingestion** |

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

**Potential acute health effects**

| | |
|---|---|
| Causes serious eye irritation. | : **Eye contact** |
| Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. | : **Inhalation** |
| Causes skin irritation. May cause an allergic skin reaction. | : **Skin contact** |
| Irritating to mouth, throat and stomach. | : **Ingestion** |

**Over-exposure signs/symptoms**

| | |
|---|---|
| Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness | : **Eye contact** |
| Adverse symptoms may include the following:<br>headache<br>drowsiness/fatigue<br>dizziness/vertigo<br>muscle weakness<br>unconsciousness | : **Inhalation** |
| Adverse symptoms may include the following:<br>irritation<br>redness | : **Skin contact** |

## Section 4. First aid measures

No specific data. : **Ingestion**

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

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. : **Notes to physician**

No specific treatment. : **Specific treatments**

No action shall be taken involving any personal risk or without suitable training. 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. : **Protection of first-aiders**

**See toxicological information (Section 11)**

## Section 5. Firefighting measures

**Extinguishing media**

Use dry chemical, $CO_2$, water spray (fog) or foam. : **Suitable extinguishing media**

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

Flammable liquid and vapour. 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. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. : **Specific hazards arising from the chemical**

Decomposition products may include the following materials: : **Hazardous thermal decomposition products**
carbon dioxide
carbon monoxide
nitrogen oxides
sulfur oxides
halogenated compounds
metal oxide/oxides

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 actions 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. : **Special protective equipment for fire-fighters**

## Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

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. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. : **For non-emergency personnel**

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". : **For emergency responders**

## Section 6. Accidental release measures

**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. Collect spillage.

**Methods and material for containment and cleaning up**

**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 the 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). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt 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). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. 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. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container. Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding/flatting should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

**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. Eliminate all ignition sources. Vapours are heavier than air and may spread along floors. 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 unlabelled containers. Use appropriate containment to avoid environmental contamination.

# Section 8. Exposure controls/personal protection

## Control parameters

### Occupational exposure limits

| Exposure limits | Ingredient name |
|---|---|
| **ACGIH TLV (United States, 3/2015).**<br>STEL: 651 mg/m³ 15 minutes.<br>STEL: 150 ppm 15 minutes.<br>TWA: 434 mg/m³ 8 hours.<br>TWA: 100 ppm 8 hours. | xylene |
| **ACGIH TLV (United States, 3/2015).**<br>TWA: 20 ppm 8 hours. | ethylbenzene |

**: 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, vapour 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. Contaminated work clothing should not be allowed out of the workplace. 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.

### Skin protection

**: Hand protection**

Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. Recommended: Viton® or Nitrile gloves. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/ puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

**: 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. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

## Section 8. Exposure controls/personal 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. | : **Other skin protection** |
| Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. | : **Respiratory protection** |

## Section 9. Physical and chemical properties

**Appearance**

| | |
|---|---|
| Liquid. | : **Physical state** |
| Yellow. | : **Colour** |
| Solvent. | : **Odour** |
| Not available. | : **Odour threshold** |
| Not applicable. | : **pH** |
| Not available. | : **Melting point** |
| Not available. | : **Boiling point** |
| Closed cup: 44°C (111.2°F) | : **Flash point** |
| Not available. | : **Evaporation rate** |
| Not available. | : **Flammability (solid, gas)** |
| Greatest known range: Lower: 0.8% Upper: 6.7% (xylene) | : **Lower and upper explosive (flammable) limits** |
| Not available. | : **Vapour pressure** |
| Not available. | : **Vapour density** |
| 1.43 | : **Relative density** |
| Insoluble in the following materials: cold water. | : **Solubility** |
| Not available. | : **Partition coefficient: n-octanol/water** |
| Not available. | : **Auto-ignition temperature** |
| Not available. | : **Decomposition temperature** |
| Kinematic (room temperature): 2174 $mm^2/s$ (2174 cSt) | : **Viscosity** |

## Section 10. Stability and reactivity

| | |
|---|---|
| No specific test data related to reactivity available for this product or its ingredients. | : **Reactivity** |
| The product is stable. | : **Chemical stability** |
| Under normal conditions of storage and use, hazardous reactions will not occur. | : **Possibility of hazardous reactions** |
| Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. | : **Conditions to avoid** |
| Reactive or incompatible with the following materials:<br>oxidizing materials | : **Incompatible materials** |
| Under normal conditions of storage and use, hazardous decomposition products should not be produced. | : **Hazardous decomposition products** |

# Section 11. Toxicological information

## Information on toxicological effects

### Acute toxicity

| Exposure | Dose | Species | Result | Product/ingredient name |
|---|---|---|---|---|
| - | 4300 mg/kg | Rat | LD50 Oral | xylene |
| 4 hours | 4000 ppm | Rabbit | LC50 Inhalation Gas. | ethylbenzene |
| - | 17800 mg/kg | Rabbit | LD50 Dermal | |
| - | 3500 mg/kg | Rat | LD50 Oral | |

### Irritation/Corrosion

| Observation | Exposure | Score | Species | Result | Product/ingredient name |
|---|---|---|---|---|---|
| - | 100 milligrams | - | Rabbit | Eyes - Mild irritant | reaction product: bisphenol-A-(epichlorhydrin); epoxy resin |
| - | 24 hours 20 milligrams | - | Rabbit | Eyes - Moderate irritant | |
| - | 24 hours 5 milligrams | - | Rabbit | Eyes - Severe irritant | |
| - | 24 hours 500 microliters | - | Rabbit | Skin - Moderate irritant | |
| - | 24 hours 2 milligrams | - | Rabbit | Skin - Severe irritant | |
| - | 500 milligrams | - | Rabbit | Eyes - Severe irritant | ethylbenzene |
| - | 24 hours 15 milligrams | - | Rabbit | Skin - Mild irritant | |

### Sensitisation

Not available.

### Mutagenicity

Not available.

### Carcinogenicity

Not available.

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

| Target organs | Route of exposure | Category | Name |
|---|---|---|---|
| Respiratory tract irritation | Not applicable. | Category 3 | xylene |
| Respiratory tract irritation | Not applicable. | Category 3 | ethylbenzene |

### Specific target organ toxicity (repeated exposure)

| Target organs | Route of exposure | Category | Name |
|---|---|---|---|
| hearing organs | Not determined | Category 2 | ethylbenzene |

### Aspiration hazard

# Section 11. Toxicological information

| Result | Name |
|---|---|
| ASPIRATION HAZARD - Category 1<br>ASPIRATION HAZARD - Category 1 | xylene<br>ethylbenzene |

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

**Potential acute health effects**

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

Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. : **Inhalation**

Causes skin irritation. May cause an allergic skin reaction. : **Skin contact**

Irritating to mouth, throat and stomach. : **Ingestion**

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

Adverse symptoms may include the following:
pain or irritation
watering
redness : **Eye contact**

Adverse symptoms may include the following:
headache
drowsiness/fatigue
dizziness/vertigo
muscle weakness
unconsciousness : **Inhalation**

Adverse symptoms may include the following:
irritation
redness : **Skin contact**

No specific data. : **Ingestion**

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Short term exposure**

Not available. : **Potential immediate effects**

Not available. : **Potential delayed effects**

**Long term exposure**

Not available. : **Potential immediate effects**

Not available. : **Potential delayed effects**

**Potential chronic health effects**

Not available.

May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. : **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**

**Numerical measures of toxicity**

**Acute toxicity estimates**

## Section 11. Toxicological information

| ATE value | Route |
|---|---|
| 17451.1 mg/kg<br>139.6 mg/l | Dermal<br>Inhalation (vapours) |

## Section 12. Ecological information

**Toxicity**

| Exposure | Species | Result | Product/ingredient name |
|---|---|---|---|
| 48 hours | Crustaceans - Palaemonetes pugio | Acute LC50 8500 µg/l Marine water | xylene |
| 96 hours | Fish - Pimephales promelas | Acute LC50 13400 µg/l Fresh water | |
| 96 hours | Algae - Pseudokirchneriella subcapitata | Acute EC50 3.6 mg/l Fresh water | ethylbenzene |
| 48 hours | Daphnia - Daphnia magna - Neonate | Acute LC50 18.4 to 25.4 mg/l Fresh water | |
| 96 hours | Fish - Menidia menidia | Acute LC50 5.1 to 5.7 mg/l Marine water | |

**Persistence and degradability**

| Biodegradability | Photolysis | Aquatic half-life | Product/ingredient name |
|---|---|---|---|
| Not readily | - | - | reaction product: bisphenol-A-(epichlorhydrin); epoxy resin |
| Readily | - | - | ethylbenzene |

**Bioaccumulative potential**

| Potential | BCF | $LogP_{ow}$ | Product/ingredient name |
|---|---|---|---|
| low | - | 2.64 to 3.78 | reaction product: bisphenol-A-(epichlorhydrin); epoxy resin |
| low | 8.1 to 25.9 | 3.12 | xylene |
| low | 15 | 3.6 | ethylbenzene |

**Mobility in soil**

Not available. : **Soil/water partition coefficient ($K_{OC}$)**

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

## Section 13. Disposal considerations

: **Disposal methods**

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. 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. Vapour from product residues may create a highly flammable or explosive

## Section 13. Disposal considerations

atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

| IATA | IMDG | UN | |
|---|---|---|---|
| UN1263 | UN1263 | UN1263 | **UN number** |
| PAINT | PAINT. Marine pollutant (reaction product: bisphenol-A-(epichlorhydrin); epoxy resin, Oxirane, mono[(C10-16-alkyloxy)methyl] derivs.) | PAINT | **UN proper shipping name** |
| 3  | 3  | 3  | **Transport hazard class(es)** |
| III | III | III | **Packing group** |
| No. | Yes. | No. | **Environmental hazards** |
| The environmentally hazardous substance mark may appear if required by other transportation regulations. | The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. | - | **Additional information** |

Not applicable. : **IMDG Code Segregation group**

**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. : **Special precautions for user**

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

## Section 15. Regulatory information

No known specific national and/or regional regulations applicable to this product (including its ingredients). : **Safety, health and environmental regulations specific for the product**

## Section 16. Other information

**Justification**

## Section 16. Other information

| Justification | Classification |
|---|---|
| On basis of test data | Flam. Liq. 3, H226 |
| Calculation method | Skin Irrit. 2, H315 |
| Calculation method | Eye Irrit. 2A, H319 |
| Calculation method | Skin Sens. 1, H317 |
| Calculation method | STOT RE 2, H373 (hearing organs) |
| Calculation method | Aquatic Chronic 2, H411 |

**History**

**13/07/2017** : **Date of printing**

01/06/2017 : **Date of issue/Date of revision**

08/06/2016 : **Date of previous issue**

3 : **Version**

: **Key to abbreviations**

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

Not available. : **References**

**Indicates information that has changed from previously issued version.**

**Notice to reader**

**IMPORTANT NOTE: the information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates.**

**Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in this safety data sheet, then the user uses the product at their own risk.**

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