

# SAFETY DATA SHEET



WEICONLOCK AN 302-22

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

### 1.1 Product identifier

**Product name** : WEICONLOCK AN 302-22  
**UFI** : VET0-002J-F00P-NGFT  
**Product code** : 302220  
**Color** : Purple.

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

| Identified uses     |
|---------------------|
| Adhesives-Anaerobic |

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

WEICON GmbH & Co. KG  
Königsberger Str. 255  
48157 Münster  
Germany  
Phone: +49 251 93220  
Fax: +49(0)251 / 9322 - 244  
Internet: www.weicon.de

**e-mail address of person responsible for this SDS** : msds@weicon.de

### 1.4 Emergency telephone number

**Telephone number** : EMERGENCY CONTACT – UK, UAE, South Africa (24h): Tel: ++44 1865 407333 (English)  
TRANSPORT EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel: ++44 1865 407333 (English)

## 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]

Not classified.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.  
See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Signal word** : No signal word.  
**Hazard statements** : No known significant effects or critical hazards.  
**Precautionary statements**  
**Prevention** : Not applicable.  
**Response** : Not applicable.  
**Storage** : Not applicable.  
**Disposal** : Not applicable.  
**Supplemental label elements** : Not applicable.

## SECTION 2: Hazards identification

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

### 2.3 Other hazards

**Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII** : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other hazards which do not result in classification** : None known.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures : Mixture

| Product/ingredient name          | Identifiers   | %  | Classification  | Specific Conc. Limits, M-factors and ATEs   | Type    |
|----------------------------------|---|----|---|---|---------|
| ethanediol                       | REACH #:<br>01-2119456816-28<br>EC: 203-473-3<br>CAS: 107-21-1<br>Index: 603-027-00-1 | ≤5 | Acute Tox. 4, H302  | ATE [Oral] = 500 mg/kg  | [1] [2] |
| α,α-dimethylbenzyl hydroperoxide | REACH #:<br>01-2119475796-19<br>EC: 201-254-7<br>CAS: 80-15-9<br>Index: 617-002-00-8  | <1 | Org. Perox. E, H242<br>Acute Tox. 4, H302<br>Acute Tox. 4, H312<br>Acute Tox. 3, H331<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>STOT SE 3, H335<br>STOT RE 2, H373<br>Aquatic Chronic 2, H411 | ATE [Oral] = 800 mg/kg<br>ATE [Dermal] = 1100 mg/kg<br>ATE [Inhalation (gases)] = 700 ppm<br>Skin Corr. 1B, H314: C ≥ 10%<br>Skin Irrit. 2, H315: 3% ≤ C < 10%<br>Eye Dam. 1, H318: 3% ≤ C < 10%<br>Eye Irrit. 2, H319: 1% ≤ C < 3%<br>STOT SE 3, H335: C ≥ 1%<br>STOT RE 2, H373: C ≥ 3% | [1]     |
|                                  |   |    | <b>See Section 16 for the full text of the H statements declared above.</b>   |   |         |

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

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

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

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

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### 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.
- Specific treatments** : No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

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

- Hazards from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous combustion products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

### 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.
- 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 spilled material. 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".

- 6.2 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).

- 6.3 Methods and materials for containment and cleaning up** : Stop leak if without risk. Move containers from spill area. 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.

- 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.

### 7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- 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. 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. See Section 10 for incompatible materials before handling or use.

### 7.3 Specific end use(s)

- Recommendations** : Not available.
- Industrial sector specific solutions** : Not available.

## 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

## SECTION 8: Exposure controls/personal protection

| Product/ingredient name | Exposure limit values   |
|-------------------------|---|
| ethanediol              | <p><b>TRGS 900 OEL (Germany, 7/2021). Absorbed through skin.</b><br/>                     TWA: 26 mg/m<sup>3</sup> 8 hours.<br/>                     PEAK: 52 mg/m<sup>3</sup> 15 minutes.<br/>                     TWA: 10 ppm 8 hours.<br/>                     PEAK: 20 ppm 15 minutes.</p> <p><b>DFG MAC-values list (Germany, 10/2021). Absorbed through skin.</b><br/>                     TWA: 10 ppm 8 hours.<br/>                     PEAK: 20 ppm, 4 times per shift, 15 minutes.<br/>                     TWA: 26 mg/m<sup>3</sup> 8 hours.<br/>                     PEAK: 52 mg/m<sup>3</sup>, 4 times per shift, 15 minutes.</p> |

**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

| Product/ingredient name          | Type | Exposure             | Value                | Population         | Effects  |
|----------------------------------|------|----------------------|----------------------|--------------------|----------|
| ethanediol                       | DNEL | Long term Inhalation | 7 mg/m <sup>3</sup>  | General population | Local    |
|                                  | DNEL | Long term Inhalation | 35 mg/m <sup>3</sup> | Workers            | Local    |
|                                  | DNEL | Long term Dermal     | 53 mg/kg bw/day      | General population | Systemic |
|                                  | DNEL | Long term Dermal     | 106 mg/kg bw/day     | Workers            | Systemic |
| α,α-dimethylbenzyl hydroperoxide | DNEL | Long term Inhalation | 6 mg/m <sup>3</sup>  | Workers            | Systemic |

### PNECs

No PNECs available.

## 8.2 Exposure controls

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### 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: safety glasses with side-shields.
- 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. Recommended : 1 - 4 hours (breakthrough time): nitrile rubber ; 4 - 8 hours (breakthrough time): Viton®/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** : In case of insufficient ventilation, wear suitable respiratory 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.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

- Physical state** : Liquid.
- Color** : Purple.
- Odor** : Strong.
- Odor threshold** : Not available.
- Melting point/freezing point** : Not available.
- Initial boiling point and boiling range** : Not available.
- Flammability** : Not available.
- Upper/lower flammability or explosive limits** : Not available.
- Flash point** : Closed cup: >93.3°C (>199.9°F)
- Auto-ignition temperature** : Not applicable.
- Decomposition temperature** : Not available.
- pH** : Not applicable.
- Viscosity** : Dynamic: 110000 mPa·s
- Solubility(ies)** :  
Not available.
- Solubility in water** : Not available.
- Miscible with water** : No.
- Partition coefficient: n-octanol/ water** : Not applicable.
- Vapor pressure** :

| Ingredient name                  | Vapor Pressure at 20 °C |       |        | Vapor pressure at 50 °C |     |        |
|----------------------------------|-------------------------|-------|--------|-------------------------|-----|--------|
|                                  | mm Hg                   | kPa   | Method | mm Hg                   | kPa | Method |
| ethanediol                       | 0.09                    | 0.012 |        |                         |     |        |
| α,α-dimethylbenzyl hydroperoxide | 0                       | 0     |        |                         |     |        |

## SECTION 9: Physical and chemical properties

|                                 |                          |
|---------------------------------|--------------------------|
| Relative density                | : Not available.         |
| Density                         | : 1.07 g/cm <sup>3</sup> |
| Vapor density                   | : Not available.         |
| Explosive properties            | : Not available.         |
| Oxidizing properties            | : Not available.         |
| <b>Particle characteristics</b> |                          |
| Median particle size            | : Not applicable.        |

### 9.2 Other information

|      |                  |
|------|------------------|
| SADT | : Not available. |
| SAPT | : Not available. |

## 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 | : Under normal conditions of storage and use, hazardous reactions will not occur.                      |
| 10.4 Conditions to avoid                | : No specific data.  |
| 10.5 Incompatible materials             | : No specific data.  |
| 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 |
|----------------------------------|----------------------|---------|------------|----------|
| ethanediol                       | LD50 Oral            | Rat     | 4700 mg/kg | -        |
| α,α-dimethylbenzyl hydroperoxide | LC50 Inhalation Gas. | Rat     | 220 ppm    | 4 hours  |
|                                  | LD50 Dermal          | Rat     | 500 mg/kg  | -        |
|                                  | LD50 Oral            | Rat     | 800 mg/kg  | -        |

Conclusion/Summary : Not available.

#### Acute toxicity estimates

| Route              | ATE value      |
|--------------------|----------------|
| Oral               | 16666.67 mg/kg |
| Inhalation (gases) | 127272.73 ppm  |

#### Irritation/Corrosion

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## SECTION 11: Toxicological information

| Product/ingredient name  | Result                   | Species | Score | Exposure        | Observation |
|--|--------------------------|---------|-------|-----------------|-------------|
| ethanediol<br><br><br><br><br><br>α,α-dimethylbenzyl hydroperoxide | Eyes - Mild irritant     | Rabbit  | -     | 1 hours 100 mg  | -           |
|  | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500 mg | -           |
|  | Eyes - Moderate irritant | Rabbit  | -     | 6 hours 1440 mg | -           |
|  | Skin - Mild irritant     | Rabbit  | -     | 555 mg          | -           |
|  | Skin - Mild irritant     | Rabbit  | -     | 500 mg          | -           |

**Conclusion/Summary** : Not available.

### **Sensitization**

**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)**

| Product/ingredient name          | Category   | Route of exposure | Target organs                |
|----------------------------------|------------|-------------------|------------------------------|
| α,α-dimethylbenzyl hydroperoxide | Category 3 | -                 | Respiratory tract irritation |

### **Specific target organ toxicity (repeated exposure)**

| Product/ingredient name          | Category   | Route of exposure | Target organs |
|----------------------------------|------------|-------------------|---------------|
| α,α-dimethylbenzyl hydroperoxide | Category 2 | -                 | -             |

### **Aspiration hazard**

Not available.

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

### **Potential acute health effects**

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

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

**Ingestion** : No known significant effects or critical hazards.

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

**Eye contact** : No specific data.

**Inhalation** : No specific data.

**Skin contact** : No specific data.

**Ingestion** : No specific data.



## SECTION 11: Toxicological information

### 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.

**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.

### 11.2 Information on other hazards

#### 11.2.1 Endocrine disrupting properties

Not available.

#### 11.2.2 Other information

Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

| Product/ingredient name          | Result                              | Species                                    | Exposure |
|----------------------------------|-------------------------------------|--|----------|
| ethanediol                       | Acute LC50 6900000 µg/l Fresh water | Crustaceans - Ceriodaphnia dubia - Neonate | 48 hours |
|                                  | Acute LC50 41000 mg/l Fresh water   | Daphnia - Daphnia magna - Neonate          | 48 hours |
|                                  | Acute LC50 8050000 µg/l Fresh water | Fish - Pimephales promelas                 | 96 hours |
| α,α-dimethylbenzyl hydroperoxide | Acute LC50 12.7 mg/l Fresh water    | Fish - Pimephales promelas - Larvae        | 96 hours |

**Conclusion/Summary** : Not available.

### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available.

### 12.3 Bioaccumulative potential

| Product/ingredient name          | LogP <sub>ow</sub> | BCF | Potential |
|----------------------------------|--------------------|-----|-----------|
| ethanediol                       | -1.36              | -   | low       |
| α,α-dimethylbenzyl hydroperoxide | 1.6                | 9   | low       |

## SECTION 12: Ecological information

### 12.4 Mobility in soil

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

Mobility : Not available.

### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Endocrine disrupting properties

Not available.

### 12.7 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 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.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

#### European waste catalogue (EWC)

| Waste code | Waste designation  |
|------------|--|
| 08 04 09*  | waste adhesives and sealants containing organic solvents or other hazardous substances |

#### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

| Type of packaging | European waste catalogue (EWC)   |
|-------------------|--|
| 15 01 10*         | packaging containing residues of or contaminated by hazardous substances |

**Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled 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                   | IMDG                      | IATA           |
|---------------------------------|---------------------------|---------------------------|----------------|
| 14.1 UN number                  | Not regulated.            | Not regulated.            | Not regulated. |
| 14.2 UN proper shipping name    | -                         | -                         | -              |
| 14.3 Transport hazard class(es) | -                         | -                         | -              |
| 14.4 Packing group              | -                         | -                         | -              |
| 14.5 Environmental hazards      | No.<br><br>Not available. | No.<br><br>Not available. | No.            |

**14.6 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.

**14.7 Transport in bulk according to IMO instruments** : 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 authorization**

**Annex XIV**

None of the components are listed.

**Substances of very high concern**

None of the components are listed.

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

**Restrictions on Manufacture, Marketing and Use**

| Country | Product name | Conc. | Designation | Usage |
|---------|--------------|-------|-------------|-------|
|---------|--------------|-------|-------------|-------|

**Other EU regulations**

**Industrial emissions (integrated pollution prevention and control) - Air** : Not listed

**Industrial emissions (integrated pollution prevention and control) - Water** : Not listed

## SECTION 15: Regulatory information

### Ozone depleting substances (1005/2009/EU)

Not listed.

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

Not listed.

### Persistent Organic Pollutants

Not listed.

### Seveso Directive

This product is not controlled under the Seveso Directive.

### National regulations

**Storage class (TRGS 510) : 10**

### Hazardous incident ordinance

This product is not controlled under the Germany Hazardous Incident Ordinance.

**Hazard class for water : 1**

**Technical instruction on air quality control : TA-Luft Number 5.2.5: 1-5%  
TA-Luft Class I - Number 5.2.5: 0.1-1%**

**AOX : The product does not contain organically bound halogens which could lead to an AOX value in waste water.**

### International regulations

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

Not listed.

#### Montreal Protocol

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.

### Inventory list

|                                |   |
|--------------------------------|---|
| <b>Australia</b>               | : All components are listed or exempted.  |
| <b>Canada</b>                  | : All components are listed or exempted.  |
| <b>China</b>                   | : All components are listed or exempted.  |
| <b>Eurasian Economic Union</b> | : <b>Russian Federation inventory</b> : All components are listed or exempted.  |
| <b>Japan</b>                   | : <b>Japan inventory (CSCL)</b> : All components are listed or exempted.<br><b>Japan inventory (ISHL)</b> : Not determined. |
| <b>New Zealand</b>             | : All components are listed or exempted.  |
| <b>Philippines</b>             | : All components are listed or exempted.  |
| <b>Republic of Korea</b>       | : All components are listed or exempted.  |
| <b>Taiwan</b>                  | : All components are listed or exempted.  |
| <b>Thailand</b>                | : All components are listed or exempted.  |
| <b>Turkey</b>                  | : All components are listed or exempted.  |
| <b>United States</b>           | : All components are active or exempted.  |
| <b>Viet Nam</b>                | : All components are listed or exempted.  |

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## SECTION 15: Regulatory information

**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  
N/A = Not available  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RRN = REACH Registration Number  
SGG = Segregation Group  
vPvB = Very Persistent and Very Bioaccumulative

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

| Classification  | Justification |
|-----------------|---------------|
| Not classified. |               |

### Full text of abbreviated H statements

|      |  |
|------|--|
| H242 | Heating may cause a fire.  |
| H302 | Harmful if swallowed.  |
| H312 | Harmful in contact with skin.                                      |
| H314 | Causes severe skin burns and eye damage.                           |
| H318 | Causes serious eye damage.   |
| H331 | Toxic if inhaled.  |
| H335 | May cause respiratory irritation.                                  |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H411 | Toxic to aquatic life with long lasting effects.                   |

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

|   |   |
|---|---|
| Acute Tox. 3<br>Acute Tox. 4<br>Aquatic Chronic 2<br>Eye Dam. 1<br>Org. Perox. E<br>Skin Corr. 1B<br>STOT RE 2<br><br>STOT SE 3 | ACUTE TOXICITY - Category 3<br>ACUTE TOXICITY - Category 4<br>AQUATIC HAZARD (LONG-TERM) - Category 2<br>SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1<br>ORGANIC PEROXIDES - Type E<br>SKIN CORROSION/IRRITATION - Category 1B<br>SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2<br>SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3 |
|---|---|

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