

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

# SAFETY DATA SHEET

FR2-55 SEMI-GLOSS TUK SILVER AIC 9.10

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

| 1.1 | Product | identifier |
|-----|---------|------------|
|     |         |            |

Product name SDS code

: FR2-55 SEMI-GLOSS TUK SILVER AIC 9.10 : 55980910K

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

|  | Identified uses                       |  |
|--|---------------------------------------|--|
| Paint. Professional use Industrial use |                                       |  |
|  | Uses advised against                  |  |
| All other uses                         |                                       |  |
| Product uso                            | • Waterborne coating for interior use |  |

Product use

: Waterborne coating for interior use.

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

MAPAERO SAS 10, Avenue de la Rijole CS30098 09103 PAMIERS Cedex France e-mail address of person : PSRA PAMIERS@akzonobel.com

1.4 Emergency telephone number

responsible for this SDS

| . J J                                |                        |  |
|--------------------------------------|------------------------|--|
| National advisory body/Poison Center |                        |  |
| Telephone number                     | : +33 (0)1 40 05 48 48 |  |
| <u>Supplier</u>                      |                        |  |
| Telephone number                     | : +33 (0)5 34 01 34 01 |  |
|                                      | +33 (0)5 61 60 23 30   |  |
| Hours of operation                   | :                      |  |
|                                      |                        |  |

## **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]

Flam. Liq. 3, H226 Skin Sens. 1, H317

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

| Date of issue/Date of revision | : 21-10-2022 | Version : 1.01 |           |
|--------------------------------|--------------|----------------|-----------|
| Date of previous issue         | : 30-9-2022  | 1/17           | AkzoNobel |

| FR2-55 SEMI-GLOSS TUK SILVER AIC 9.10   |    |   |
|---|----|---|
| SECTION 2: Hazards identification   |    |   |
| Hazard pictograms   | :  |   |
| Signal word   | :  | Warning   |
| Hazard statements   | :  | Flammable liquid and vapor.<br>May cause an allergic skin reaction.   |
| Precautionary statements  |    |   |
| Prevention  | :  | Wear protective gloves. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing vapor.                       |
| Response  | :  | Take off contaminated clothing and wash it before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. |
| Storage   | :  | Store in a well-ventilated place. Keep cool.  |
| Disposal  | :  | Dispose of contents and container in accordance with all local, regional, national and international regulations.   |
| Hazardous ingredients   | :  | Polyisocyanate, aliphatic 4-morpholinecarbaldehyde C(M)IT/MIT(3:1)  |
| Supplemental label<br>elements  | :  | Contains isocyanates. May produce an allergic reaction.<br>Warning! Hazardous respirable droplets may be formed when sprayed. Do not<br>breathe spray or mist.      |
| Annex XVII - Restrictions<br>on the manufacture,<br>placing on the market and<br>use of certain dangerous<br>substances, mixtures and<br>articles | :  | Not applicable.   |
| Special packaging requirem  | en | <u>ts</u>   |
| Containers to be fitted<br>with child-resistant<br>fastenings   | :  | Not applicable.   |
| Tactile warning of danger   | :  | Not applicable.   |
| 2.3 Other hazards   |    |   |
| Product meets the criteria<br>for PBT or vPvB according<br>to Regulation (EC) No.<br>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**

| Product/ingredient name  | Identifiers   | %       | Regulation (EC) No.<br>1272/2008 [CLP] | Туре  |
|--|---|---------|--|-------|
| 7,3,5-Triazine-2,4,6(1H,3H,5H)-<br>trione, 1,3,5-tris(6-isocyanatohexyl)<br>-, reaction products with<br>polyethylene glycol monomethyl<br>ether | CAS: 129217-88-5  | ≤9.5    | Aquatic Chronic 3,<br>H412             | [1]   |
| 2-ethoxy-1-methylethyl acetate   | EC: 259-370-9<br>CAS: 54839-24-6<br>Index: 603-177-00-8 | ≤10     | Flam. Liq. 3, H226<br>STOT SE 3, H336  | [1]   |
| Date of issue/Date of revision   | 21-10-2022  | Version | : 1.01                                 |       |
| Date of previous issue   | 30-9-2022   | 2/17    | Akzo                                   | Nobel |

| SECTION 3: Composit          | ion/information on I | ngreatents |                        |         |
|------------------------------|----------------------|------------|------------------------|---------|
| Polyisocyanate, aliphatic    | -                    | ≤3         | Skin Sens. 1, H317     | [1]     |
| 2-butoxyethanol              | REACH #:             | <1         | Acute Tox. 4, H302     | [1] [2] |
|                              | 01-2119475108-36     |            | Acute Tox. 4, H312     |         |
|                              | EC: 203-905-0        |            | Acute Tox. 4, H332     |         |
|                              | CAS: 111-76-2        |            | Skin Irrit. 2, H315    |         |
|                              | Index: 603-014-00-0  |            | Eye Irrit. 2, H319     |         |
| 4-morpholinecarbaldehyde     | CAS: 4394-85-8       | <1         | Skin Sens. 1, H317     | [1]     |
| 4-isocyanatosulphonyltoluene | EC: 223-810-8        | ≤0.3       | Skin Irrit. 2, H315    | [1]     |
|                              | CAS: 4083-64-1       |            | Eye Irrit. 2, H319     |         |
|                              | Index: 615-012-00-7  |            | Resp. Sens. 1, H334    |         |
|                              |                      |            | STOT SE 3, H335        |         |
|                              |                      |            | EUH014                 |         |
| C(M)IT/MIT(3:1)              | REACH #:             | <0.0015    | Acute Tox. 3, H301     | [1]     |
|                              | 01-2120764691-48     |            | Acute Tox. 2, H310     |         |
|                              | CAS: 55965-84-9      |            | Acute Tox. 2, H330     |         |
|                              | Index: 613-167-00-5  |            | Skin Corr. 1C, H314    |         |
|                              |                      |            | Skin Sens. 1A, H317    |         |
|                              |                      |            | Aquatic Acute 1, H400  |         |
|                              |                      |            | (M=100)                |         |
|                              |                      |            | Aquatic Chronic 1,     |         |
|                              |                      |            | H410 (M=100)           |         |
|                              |                      |            | EUH071                 |         |
|                              |                      |            | See Section 16 for     |         |
|                              |                      |            | the full text of the H |         |
|                              |                      |            | statements declared    |         |
|                              |                      |            | above.                 | 1       |

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.

#### Туре

- [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
- [6] Additional disclosure due to company policy

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. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.   |
|--------------|--|
| Inhalation   | : Remove victim to fresh air and keep at rest in a position comfortable for breathing.<br>If not breathing, if breathing is irregular or if respiratory arrest occurs, provide<br>artificial respiration or oxygen by trained personnel. It may be dangerous to the<br>person providing aid to give mouth-to-mouth resuscitation. Get medical attention if<br>adverse health effects persist or are severe. If unconscious, place in recovery<br>position and get medical attention immediately. Maintain an open airway. Loosen<br>tight clothing such as a collar, tie, belt or waistband. |
| Skin contact | : Wash with plenty of soap and water. Remove contaminated clothing and shoes.<br>Wash contaminated clothing thoroughly with water before removing it, or wear<br>gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the<br>event of any complaints or symptoms, avoid further exposure. Wash clothing<br>before reuse. Clean shoes thoroughly before reuse.  |



| SECTION 4: First aid measures |  |  |
|-------------------------------|--|--|
| Ingestion                     | : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air<br>and keep at rest in a position comfortable for breathing. If material has been<br>swallowed and the exposed person is conscious, give small quantities of water to<br>drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not<br>induce vomiting unless directed to do so by medical personnel. If vomiting occurs,<br>the head should be kept low so that vomit does not enter the lungs. Get medical<br>attention if adverse health effects persist or are severe. Never give anything by<br>mouth to an unconscious person. If unconscious, place in recovery position and get<br>medical attention immediately. Maintain an open airway. Loosen tight clothing such<br>as a collar, tie, belt or waistband. |  |
| Protection of first-aiders    | : 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  |  |

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

aloves.

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in nonallergic contact dermatitis and absorption through the skin. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Based on the properties of the isocyanate components and considering toxicological data on similar mixtures, this mixture may cause acute irritation and/or sensitization of the respiratory system, leading to an asthmatic condition, wheezing and tightness of the chest. Sensitized persons may subsequently show asthmatic symptoms when exposed to atmospheric concentrations well below the OEL. Repeated exposure may lead to permanent respiratory disability. Repeated or prolonged contact with irritants may cause dermatitis.

Contains Polyisocyanate, aliphatic, 4-morpholinecarbaldehyde, 4-isocyanatosulphonyltoluene, C(M)IT/MIT(3:1). May produce an allergic reaction.

### Over-exposure signs/symptoms

| Eye contact<br>Inhalation | <ul><li>No specific data.</li><li>No specific data.</li></ul>          |
|---------------------------|--|
| Skin contact              | : Adverse symptoms may include the following:<br>irritation<br>redness |
| 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 dry chemical, CO <sub>2</sub> , water spray (fog) or foam.  |
| Unsuitable extinguishing media                    | : Do not use water jet.   |
| 5.2 Special hazards arising f                     | rom the substance or mixture  |
| Hazards from the substance or mixture             | : Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.<br>In a fire or if heated, a pressure increase will occur and the container may burst, with<br>the risk of a subsequent explosion.   |
| Hazardous combustion products                     | : Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>halogenated compounds<br>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<br>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, pro  | tective equipment and emergency procedures  |
|--------------------------------|---|
| For non-emergency<br>personnel | : No action shall be taken involving any personal risk or without suitable training.<br>Evacuate surrounding areas. Keep unnecessary and unprotected personnel from<br>entering. Do not touch or walk through spilled material. Shut off all ignition sources.<br>No flares, smoking or flames in hazard area. Avoid breathing vapor or mist.<br>Provide adequate ventilation. Wear appropriate respirator when ventilation is<br>inadequate. Put on appropriate personal protective equipment. |
| For emergency responders       | : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".   |
| 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 fo   | r 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   |

contractor.

appropriate waste disposal container. Dispose of via a licensed waste disposal



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

| Large spill                     | : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. |
|---------------------------------|--|
| 6.4 Reference to other sections | : See Section 1 for emergency contact information.<br>See Section 8 for information on appropriate personal protective equipment.<br>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). 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 ingest. Avoid breathing vapor or mist. 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. |
|--|--|
| 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   |

### 7.2 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. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

information on hygiene measures.

### Seveso Directive - Reporting thresholds

### Danger criteria

|     | Notification and MAPP threshold | Safety report threshold |
|-----|---------------------------------|-------------------------|
| P5c | 5000 tonne                      | 50000 tonne             |

#### 7.3 Specific end use(s)

: Not available.

Recommendations Industrial sector specific solutions

: Not available.



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

required.

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**

| Product/ingredient name   | Exposure limit values  |  |  |
|---|--|--|--|
| 2-butoxyethanol   | Ministry of Labor (France, 3/2020). Absorbed through skin.<br>Notes: Binding regulatory limit values (article R. 4412-149 of<br>the Labor Code)<br>TWA: 10 ppm 8 hours.<br>TWA: 49 mg/m <sup>3</sup> 8 hours.<br>STEL: 246 mg/m <sup>3</sup> 15 minutes.<br>STEL: 50 ppm 15 minutes.   |  |  |
| procedures atmosphere or<br>of the ventilation<br>protective equition<br>the following:<br>the assessment<br>limit values and<br>atmospheres -<br>of exposure to<br>(Workplace attri<br>for the measure | contains ingredients with exposure limits, personal, workplace<br>biological monitoring may be required to determine the effectiveness<br>on or other control measures and/or the necessity to use respiratory<br>pment. Reference should be made to monitoring standards, such as<br>European Standard EN 689 (Workplace atmospheres - Guidance for<br>nt of exposure by inhalation to chemical agents for comparison with<br>d measurement strategy) European Standard EN 14042 (Workplace<br>Guide for the application and use of procedures for the assessment<br>chemical and biological agents) European Standard EN 482<br>mospheres - General requirements for the performance of procedures<br>ement of chemical agents) Reference to national guidance<br>methods for the determination of hazardous substances will also be |  |  |

### **DNELs/DMELs**

| Product/ingredient name        | е Туре       | Exposure          | Value                 | Population | Effects  |
|--------------------------------|--------------|-------------------|-----------------------|------------|----------|
| 2-ethoxy-1-methylethyl acetate | DNEL         | Long term Oral    | 13.1 mg/              | General    | Systemic |
|                                |              |                   | kg bw/day             | population |          |
|                                | DNEL         | Long term Dermal  | 62 mg/kg              | General    | Systemic |
|                                |              |                   | bw/day                | population | -        |
|                                | DNEL         | Long term Dermal  | 103 mg/kg<br>bw/day   | Workers    | Systemic |
|                                | DNEL         | Long term         | 181 mg/m <sup>3</sup> | General    | Systemic |
|                                |              | Inhalation        | _                     | population |          |
|                                | DNEL         | Long term         | 302 mg/m <sup>3</sup> | Workers    | Systemic |
|                                |              | Inhalation        | _                     |            |          |
|                                | DNEL         | Short term        | 365 mg/m <sup>3</sup> | General    | Systemic |
|                                |              | Inhalation        | _                     | population | -        |
|                                | DNEL         | Short term        | 608 mg/m <sup>3</sup> | Workers    | Systemic |
|                                |              | Inhalation        | _                     |            | -        |
| 2-butoxyethanol                | DNEL         | Long term Oral    | 6.3 mg/kg             | General    | Systemic |
|                                |              |                   | bw/day                | population |          |
|                                | DNEL         | Short term Oral   | 26.7 mg/              | General    | Systemic |
|                                |              |                   | kg bw/day             | population |          |
|                                | DNEL         | Long term         | 59 mg/m³              | General    | Systemic |
|                                |              | Inhalation        |                       | population |          |
|                                | DNEL         | Long term Dermal  | 75 mg/kg              | General    | Systemic |
|                                |              |                   | bw/day                | population |          |
|                                | DNEL         | Short term Dermal | 89 mg/kg              | General    | Systemic |
|                                |              |                   | bw/day                | population |          |
|                                | DNEL         | Short term Dermal | 89 mg/kg              | Workers    | Systemic |
|                                |              |                   | bw/day                |            |          |
|                                | DNEL         | Long term         | 98 mg/m³              | Workers    | Systemic |
|                                |              | Inhalation        |                       |            |          |
|                                | DNEL         | Long term Dermal  | 125 mg/kg             | Workers    | Systemic |
| e of issue/Date of revision    | : 21-10-2022 | 1                 | Version               | : 1.01     | I        |
| e of previous issue            | : 30-9-2022  |                   | 7/17                  |            | AkzoNob  |

## SECTION 8: Exposure controls/personal protection

| bechow of exposure controls/personal protection |      |                          |                        |                       |          |
|---|------|--------------------------|------------------------|-----------------------|----------|
|   |      |                          | bw/day                 |                       |          |
|   | DNEL | Short term<br>Inhalation | 147 mg/m <sup>3</sup>  | General population    | Local    |
|   | DNEL | Short term<br>Inhalation | 246 mg/m <sup>3</sup>  | Workers               | Local    |
|   | DNEL | Short term<br>Inhalation | 426 mg/m <sup>3</sup>  | General<br>population | Systemic |
|   | DNEL | Short term<br>Inhalation | 1091 mg/<br>m³         | Workers               | Systemic |
| 4-morpholinecarbaldehyde                        | DNEL | Long term Oral           | 8 mg/kg<br>bw/day      | General<br>population | Systemic |
|   | DNEL | Long term Dermal         | 8 mg/kg<br>bw/day      | General<br>population | Systemic |
|   | DNEL | Long term Dermal         | 14 mg/kg<br>bw/day     | Workers               | Systemic |
|   | DNEL | Long term<br>Inhalation  | 29 mg/m³               | General<br>population | Systemic |
|   | DNEL | Long term<br>Inhalation  | 98 mg/m³               | Workers               | Systemic |
| 4-isocyanatosulphonyltoluene                    | DNEL | Long term Oral           | 0.46 mg/<br>kg bw/day  | General<br>population | Systemic |
|   | DNEL | Long term Dermal         | 0.46 mg/<br>kg bw/day  | General<br>population | Systemic |
|   | DNEL | Long term<br>Inhalation  | 0.8 mg/m <sup>3</sup>  | General<br>population | Systemic |
|   | DNEL | Long term Dermal         | 0.92 mg/<br>kg bw/day  | Workers               | Systemic |
|   | DNEL | Long term<br>Inhalation  | 3.24 mg/m <sup>3</sup> | Workers               | Systemic |

### **PNECs**

No PNECs available.

| 8.2 Exposure controls            |    |   |   |   |  |
|----------------------------------|----|---|---|---|--|
| Appropriate engineering controls | :  | Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. |   |   |  |
| Individual protection measur     | es | 1   |   |   |  |
| Hygiene measures                 | :  | Wash hands, forearms and face the<br>before eating, smoking and using the<br>Appropriate techniques should be use<br>Contaminated work clothing should<br>contaminated clothing before reusing<br>showers are close to the workstation  | e lavatory and at the<br>sed to remove potent<br>not be allowed out of<br>g. Ensure that eyewa                                    | end of the<br>ially conta<br>the workp                                | working period.<br>minated clothing.<br>blace. Wash                                    |
| 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 glov<br>be worn at all times when handling of<br>this is necessary. Considering the p<br>check during use that the gloves are<br>should be noted that the time to bread<br>different for different glove manufac<br>several substances, the protection t   | chemical products if a<br>parameters specified l<br>e still retaining their pr<br>akthrough for any glo<br>turers. In the case of | a risk asse<br>by the glo<br>rotective p<br>ve materia<br>f mixtures, | essment indicates<br>ve manufacturer,<br>roperties. It<br>al may be<br>, consisting of |
| Date of issue/Date of revision   |    | : 21-10-2022  | Version : 1.01  |   |  |
| Date of previous issue           |    | : 30-9-2022 8/17 <b>AkzoNobel</b>   |   |   |  |

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

|                                 | estimated.   |
|---------------------------------|--|
|                                 | When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time >480 minutes according to EN374) is recommended. Recommended gloves: Viton ® or Nitrile, thickness $\geq$ 0.38 mm. When only brief contact is expected, a glove with protection class of 2 or higher (breakthrough time >30 minutes according to EN374) is recommended. Recommended gloves: Nitrile, thickness $\geq$ 0.12 mm. Gloves should be replaced regularly and if there is any sign of damage to the glove material.        |
|                                 | The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.  |
|                                 | 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.  |
| Body protection                 | : Personal protective equipment for the body should be selected based on the task<br>being performed and the risks involved and should be approved by a specialist<br>before handling this product. When there is a risk of ignition from static electricity,<br>wear anti-static protective clothing. For the greatest protection from static<br>discharges, clothing should include anti-static overalls, boots and gloves. Refer to<br>European Standard EN 1149 for further information on material and design<br>requirements and test methods. |
| Other skin protection           | Appropriate footwear and any additional skin protection measures should be<br>selected based on the task being performed and the risks involved and should be<br>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.   |
| Environmental exposure controls | : Emissions from ventilation or work process equipment should be checked to<br>ensure they comply with the requirements of environmental protection legislation.<br>In some cases, fume scrubbers, filters or engineering modifications to the process<br>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

| <u>Appearance</u>                               |                    |   |                       |
|---|--------------------|---|-----------------------|
| Physical state                                  | : Liquid.          |   |                       |
| Color   | : Silver.          |   |                       |
| Odor  | : Characteristic.  |   |                       |
| Odor threshold                                  | : Not available.   |   |                       |
| рН  | : Not available.   |   |                       |
| Melting point/freezing point                    | : Not available.   |   |                       |
| Initial boiling point and<br>boiling range      | : Not available.   |   |                       |
| Flash point                                     | : Closed cup: 59°C |   |                       |
| Evaporation rate                                | : Not available.   |   |                       |
| Flammability (solid, gas)                       | : Not available.   |   |                       |
| Upper/lower flammability or<br>explosive limits | : Not available.   |   |                       |
| Vapor pressure                                  | : Not available.   |   |                       |
| Vapor density                                   |                    | 1 (Air = 1) (Oxirane, 2-methyl-,<br>ghted average: 1.19 (Air = 1) | polymer with oxirane, |
| Density   | : 1.18 g/cm³       |   |                       |
| Date of issue/Date of revision                  | : 21-10-2022       | Version : 1.01  |                       |
| Date of previous issue                          | : 30-9-2022        | 9/17  | AkzoNobel             |

| SECTION 9: Physical and chemical properties |   |  |  |  |
|---|---|--|--|--|
| Solubility(ies)                             | : | Insoluble in the following materials: cold water.                        |  |  |
| Partition coefficient: n-octanol/<br>water  | : | Not available.   |  |  |
| Auto-ignition temperature                   | : | Not available.   |  |  |
| Decomposition temperature                   | : | Not available.   |  |  |
| Viscosity                                   | : | Kinematic (room temperature): 0.76 cm²/s<br>Kinematic (40°C): 1.01 cm²/s |  |  |

| 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<br>hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur.   |  |  |  |
| 10.4 Conditions to avoid                   | : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |  |  |  |
| 10.5 Incompatible materials                | : Reactive or incompatible with the following materials:<br>oxidizing materials   |  |  |  |
| 10.6 Hazardous<br>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 |
|-----------------------------|--------------------------------------|------------|------------------------|----------|
| 2-butoxyethanol             | LC50 Inhalation Gas.                 | Mouse      | 700 ppm                | 7 hours  |
| -                           | LC50 Inhalation Gas.                 | Rat        | 450 ppm                | 4 hours  |
|                             | LC50 Inhalation Vapor                | Mouse      | 3380 mg/m <sup>3</sup> | 7 hours  |
|                             | LC50 Inhalation Vapor                | Rat        | 2900 mg/m <sup>3</sup> | 7 hours  |
|                             | LD50 Dermal                          | Guinea pig | 230 uL/kg              | -        |
|                             | LD50 Dermal                          | Rabbit     | 220 mg/kg              | -        |
|                             | LD50 Intraperitoneal                 | Mouse      | 536 mg/kg              | -        |
|                             | LD50 Intraperitoneal                 | Rabbit     | 220 mg/kg              | -        |
|                             | LD50 Intraperitoneal                 | Rat        | 220 mg/kg              | -        |
|                             | LD50 Intravenous                     | Mouse      | 1130 mg/kg             | -        |
|                             | LD50 Intravenous                     | Rabbit     | 252 mg/kg              | -        |
|                             | LD50 Intravenous                     | Rat        | 307 mg/kg              | -        |
|                             | LD50 Oral                            | Guinea pig | 1200 mg/kg             | -        |
|                             | LD50 Oral                            | Mouse      | 1230 mg/kg             | -        |
|                             | LD50 Oral                            | Mouse      | 1167 mg/kg             | -        |
|                             | LD50 Oral                            | Rabbit     | 300 mg/kg              | -        |
|                             | LD50 Oral                            | Rabbit     | 320 mg/kg              | -        |
|                             | LD50 Oral                            | Rat        | 917 mg/kg              | -        |
|                             | LD50 Oral                            | Rat        | 250 mg/kg              | -        |
|                             | LD50 Route of exposure<br>unreported | Mouse      | 1050 mg/kg             | -        |
|                             | LD50 Route of exposure<br>unreported | Rat        | 917 mg/kg              | -        |
| 4-morpholinecarbaldehyde    | LD50 Oral                            | Rat        | 6500 uL/kg             | -        |
| e of issue/Date of revision | : 21-10-2022                         | Version    | : 1.01                 | ·        |
| te of previous issue        | : 30-9-2022                          | 10/17      |                        | AkzoNobe |

## **SECTION 11: Toxicological information**

|                              | •                    |     |            |   |
|------------------------------|----------------------|-----|------------|---|
| 4-isocyanatosulphonyltoluene | LD50 Intraperitoneal | Rat | 775 mg/kg  | - |
|                              | LD50 Oral            | Rat | 2234 mg/kg | - |

**Conclusion/Summary** : Not available.

### Irritation/Corrosion

| Product/ingredient name      | Result                   | Species | Score | Exposure     | Observation |
|------------------------------|--------------------------|---------|-------|--------------|-------------|
| 2-butoxyethanol              | Eyes - Moderate irritant | Rabbit  | -     | 24 hours 100 | -           |
|                              | -                        |         |       | mg           |             |
|                              | Eyes - Severe irritant   | Rabbit  | -     | 100 mg       | -           |
|                              | Skin - Mild irritant     | Rabbit  | -     | 500 mg       | -           |
| 4-morpholinecarbaldehyde     | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500 | -           |
|                              | -                        |         |       | mg           |             |
|                              | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500 | -           |
|                              |                          |         |       | mg           |             |
| 4-isocyanatosulphonyltoluene | Eyes - Moderate irritant | Rabbit  | -     | 100 UI       | -           |
|                              | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500 | -           |
|                              |                          |         |       | UI           |             |
| Conclusion/Summary           | : Not available.         |         | •     |              |             |
| <u>Sensitization</u>         |                          |         |       |              |             |

| OCHORIZATION              |                  |
|---------------------------|------------------|
| <b>Conclusion/Summary</b> | : Not available. |
| <u>Mutagenicity</u>       |                  |
| <b>Conclusion/Summary</b> | : Not available. |
| Carcinogenicity           |                  |
| <b>Conclusion/Summary</b> | : Not available. |
| Reproductive toxicity     |                  |
| <b>Conclusion/Summary</b> | : Not available. |
| <u>Teratogenicity</u>     |                  |
| <b>Conclusion/Summary</b> | : Not available. |
| • • • · · · ·             |                  |

### Specific target organ toxicity (single exposure)

| Product/ingredient name  | Category                 | Route of exposure | Target organs                                       |
|--|--------------------------|-------------------|---|
| 2-ethoxy-1-methylethyl acetate<br>4-isocyanatosulphonyltoluene | Category 3<br>Category 3 | -                 | Narcotic effects<br>Respiratory tract<br>irritation |

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

| Information on the likely      | : | Not available. |
|--------------------------------|---|----------------|
| routes of exposure             |   |                |
| Potential acute health effects |   |                |

| Eye contact  | : No known significant effects or critical hazards. |
|--------------|---|
| Inhalation   | : No known significant effects or critical hazards. |
| Skin contact | : May cause an allergic skin reaction.              |
| 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. |                |           |
| Date of issue/Date of revision | : 21-10-2022        | Version : 1.01 |           |
| Date of previous issue         | : 30-9-2022         | 11/17          | AkzoNobel |

| <b>SECTION 11: Toxico</b>      | SECTION 11: Toxicological information   |  |  |  |
|--------------------------------|---|--|--|--|
| Skin contact                   | : Adverse symptoms may include the following:<br>irritation<br>redness                                |  |  |  |
| Ingestion                      | : No specific data.   |  |  |  |
| Delayed and immediate effect   | ts and also chronic effects from short and long term exposure   |  |  |  |
| <u>Short term exposure</u>     |   |  |  |  |
| Potential immediate<br>effects | : Not available.  |  |  |  |
| Potential delayed effects      | : Not available.  |  |  |  |
| Long term exposure             |   |  |  |  |
| Potential immediate<br>effects | : Not available.  |  |  |  |
| Potential delayed effects      | : Not available.  |  |  |  |
| Potential chronic health eff   | ects  |  |  |  |
| Not available.                 |   |  |  |  |
| Conclusion/Summary             | : Not available.  |  |  |  |
| General                        | : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. |  |  |  |
| Carcinogenicity                | : No known significant effects or critical hazards.   |  |  |  |
| Mutagenicity                   | : No known significant effects or critical hazards.   |  |  |  |
| Reproductive toxicity          | : No known significant effects or critical hazards.   |  |  |  |
|                                |   |  |  |  |
|                                |   |  |  |  |

Other information

: Not available.

### **SECTION 12: Ecological information**

### 12.1 Toxicity

There are no data available on the mixture itself. Do not allow to enter drains or watercourses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as hazardous to the environment, but contains substance(s) hazardous to the environment. See section 3 for details.

| Product/ingredient name | Result                              | Species                    | Exposure                                     |
|-------------------------|-------------------------------------|----------------------------|--|
|                         | Acute LC50 800000 µg/l Marine water | Fish - Lepomis macrochirus | 48 hours<br>48 hours<br>96 hours<br>96 hours |

Conclusion/Summary

: Not available.

### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available.

#### 12.3 Bioaccumulative potential

| Product/ingredient name  | LogPow | BCF  | Potential |
|--------------------------|--------|------|-----------|
| -ethoxy-1-methylethyl    | 0.76   | -    | low       |
| acetate                  |        |      |           |
| 2-butoxyethanol          | 0.81   | -    | low       |
| 4-morpholinecarbaldehyde | -      | <1.9 | low       |

| Date of issue/Date of revision | : 21-10-2022 | Version : 1.01 |           |
|--------------------------------|--------------|----------------|-----------|
| Date of previous issue         | : 30-9-2022  | 12/17          | AkzoNobel |

## **SECTION 12: Ecological information**

| 12.4 Mobility in soil                  |                  |
|--|------------------|
| Soil/water partition coefficient (Koc) | : 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 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

| <u>Product</u>          |  |
|-------------------------|--|
| Methods of disposal     | : The generation of waste should be avoided or minimized wherever possible.<br>Disposal of this product, solutions and any by-products should at all times comply<br>with the requirements of environmental protection and waste disposal legislation<br>and any regional local authority requirements. Dispose of surplus and non-<br>recyclable products via a licensed waste disposal contractor. Waste should not be<br>disposed of untreated to the sewer unless fully compliant with the requirements of<br>all authorities with jurisdiction. |
| Hazardous waste         | : The classification of the product may meet the criteria for a hazardous waste.   |
| Disposal considerations | <ul> <li>Do not allow to enter drains or watercourses. Residues in empty containers should<br/>be neutralized with a decontaminant (see section 6).</li> <li>Dispose of according to all federal, state and local applicable regulations.</li> <li>If this product is mixed with other wastes, the original waste product code may no<br/>longer apply and the appropriate code should be assigned.</li> <li>For further information, contact your local waste authority.</li> </ul>   |

### European waste catalogue (EWC)

The European Waste Catalogue classification of this product, when disposed of as waste, is:

| Waste code              | Waste designation  |  |
|-------------------------|--|--|
| EWC 08 01 11*           | waste paint and varnish 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.   |  |
| Disposal considerations | <ul> <li>Using information provided in this safety data sheet, advice should be obtained from<br/>the relevant waste authority on the classification of empty containers.<br/>Empty containers must be scrapped or reconditioned.<br/>Dispose of containers contaminated by the product in accordance with local or<br/>national legal provisions.</li> </ul>  |  |
| 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. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |  |



| SECTION 14: Transport information     |                        |                                     |        |
|---------------------------------------|------------------------|-------------------------------------|--------|
|                                       | ADR/RID                | IMDG                                | IATA   |
| 14.1 UN number                        | UN1263                 | UN1263                              | UN1263 |
| 14.2 UN proper<br>shipping name       | PAINT                  | PAINT                               | PAINT  |
| 14.3 Transport<br>hazard class(es)    | 3                      | 3                                   | 3      |
| 14.4 Packing<br>group                 | 111                    | 111                                 |        |
| 14.5<br>Environmental<br>hazards      | No.                    | No.                                 | No.    |
| Additional informa<br>ADR/RID<br>IMDG | : <u>Tunnel code</u> ( | (D/E)<br><u>chedules</u> F-E, _S-E_ |        |

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are user 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 | : Not applicable. |
|------------------------|-------------------|
| according to IMO       |                   |
| instruments            |                   |

## **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 : Not applicable.

on the manufacture, placing on the market and use of certain

dangerous substances, mixtures and articles

Other ELI regulations

| Other EU regulations  |  |
|---|--|
| VOC   | : The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical data sheet for further information. |
| VOC for Ready-for-Use<br>Mixture  | : Not applicable.  |
| Industrial emissions<br>(integrated pollution<br>prevention and control) -<br>Air | : Not listed   |



| SECTION 15: Regula  | tory information  |  |
|---|---|--|
| Industrial emissions<br>(integrated pollution<br>prevention and control) -<br>Water | : Not listed  |  |
| Ozone depleting substance   | <u>es (1005/2009/EU)</u>  |  |
| Not listed.   |   |  |
| Prior Informed Consent (P<br>Not listed.  | <u>IC) (649/2012/EU)</u>  |  |
| Seveso Directive  |   |  |
| This product is controlled un   | der the Seveso Directive.                                       |  |
| Danger criteria   |   |  |
| Category  |   |  |
| P5c   |   |  |
| National regulations  |   |  |
| Industrial use  | own assessment of workplace                                     | this safety data sheet does not constitute the user's<br>e risks, as required by other health and safety<br>the national health and safety at work regulations apply<br>ork. |
| Social Security Code,<br>Articles L 461-1 to L 461-7                                | : <b>2</b> -butoxyethanol                                       | RG 84  |
| Reinforced medical surveillance   | : Decree n ° 2012-135 of Janua<br>occupational medicine: not ap | ary 30, 2012 relating to the organization of oplicable   |
| International regulations<br>Chemical Weapon Convent<br>Not listed.                 | ion List Schedules I, II & III Che                              | micals   |
| Montreal Protocol<br>Not listed.  |   |  |
| Stockholm Convention on I<br>Not listed.  | Persistent Organic Pollutants                                   |  |
| Rotterdam Convention on F<br>Not listed.  | Prior Informed Consent (PIC)                                    |  |
| UNECE Aarhus Protocol on<br>Not listed.   | POPs and Heavy Metals   |  |
| Inventory list<br>Europe  | : Not determined.   |  |
| 15.2 Chemical Safety<br>Assessment  | : No Chemical Safety Assessm                                    | ient has been carried out.   |
| SECTION 16: Other i   | nformation  |  |

Indicates information that has changed from previously issued version.



| SECTION 16: Other information |  |  |
|-------------------------------|--|--|
| Abbreviations and acronyms    | <ul> <li>ATE = Acute Toxicity Estimate<br/>CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.<br/>1272/2008]<br/>DMEL = Derived Minimal Effect Level<br/>DNEL = Derived No Effect Level<br/>EUH statement = CLP-specific Hazard statement<br/>N/A = Not available<br/>PBT = Persistent, Bioaccumulative and Toxic<br/>PNEC = Predicted No Effect Concentration<br/>RRN = REACH Registration Number<br/>SGG = Segregation Group<br/>vPvB = Very Persistent and Very Bioaccumulative</li> </ul> |  |

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

| Classification | Justification                               |
|----------------|---|
| -, -           | On basis of test data<br>Calculation method |

### Full text of abbreviated H statements

Г

| Handling if swallowed.<br>Harmful in contact with skin.<br>Harmful in contact with skin.<br>Harmfu  |                                |                  |   |
|--|--------------------------------|------------------|---|
| H302       Harmful if swallowed.         H310       Fatal in contact with skin.         H311       Causes severe skin burns and eye damage.         H312       Harmful in contact with skin.         H314       Causes severe skin burns and eye damage.         H315       Causes severe skin burns and eye damage.         H316       Causes serious eye irritation.         H317       May cause an allergic skin reaction.         H330       Fatal if inhaled.         H332       Harmful if inhaled.         H333       Hay cause respiratory irritation.         H336       May cause frequents of the irrespiratory tract.         EUH01       Very toxic to aquatic life with long lasting effects.         H412       Harmful to aquatic life with long lasting effects.         EUH014       Reacts violently with water.         EUH015       Corrosive to the respiratory tract.         Full text of classifications [CLP/GHS]       ACUTE TOXICITY - Category 1         Acute Tox. 3       ACUTE TOXICITY - Category 3         Acute Tox. 4       AQUATIC HAZARD (ACUTE) - Category 1         Aquatic Chronic 3  | <b>H</b> 226                   |                  | Flammable liquid and vapor.             |
| Ha10 Fatal in contact with skin.<br>Harmful in contact with skin.<br>Harmful in contact with skin.<br>Causes server skin burns and eye damage.<br>Causes server skin burns and eye damage.<br>Ha17 May cause an allergic skin reaction.<br>Causes server server and  | H301                           |                  | Toxic if swallowed.                     |
| Ha10 Fatal in contact with skin.<br>Harmful in contact with skin.<br>Harmful in contact with skin.<br>Causes server skin burns and eye damage.<br>Causes server skin burns and eye damage.<br>Ha17 May cause an allergic skin reaction.<br>Causes server server and  | H302                           |                  | Harmful if swallowed.                   |
| Haf12 Harmful in contact with skin.<br>Haf14 Causes severe skin burns and eye damage.<br>Causes skin irritation.<br>Haf17 May cause an allergic skin reaction.<br>Haf17 May cause an allergic skin reaction.<br>Haf17 Haf17 Haf14 Causes service ye irritation.<br>Haf19 Causes service ye irritation.<br>Haf20 Fatal if inhaled.<br>Harmful if inhaled.<br>Haf14 May cause allergy or asthma symptoms or breathing difficulties if<br>inhaled.<br>Haf21 Harmful in causes respiratory irritation.<br>May cause allergy or asthma symptoms or breathing difficulties if<br>inhaled.<br>Haf21 Harmful to aquatic life. with long lasting effects.<br>H410 Very toxic to aquatic life with long lasting effects.<br>H410 Very toxic to aquatic life with long lasting effects.<br>H411 Reacts violently with water.<br>Corrosive to the respiratory tract.<br>EuHorit Co. 2<br>Acute Tox. 2<br>Acute Tox. 3<br>Acute Tox. 4<br>Aquatic Chronic 1<br>Aquatic Chronic 3<br>Aquatic Chronic 3<br>Eye Irrit. 2<br>Stein Gens. 14<br>Stin Sens. 14<br>Stin                             | H310                           |                  |   |
| H314       Causes severe skin burns and eye damage.         H315       Causes skin irritation.         H317       May cause an allergic skin reaction.         H319       Causes serious eye irritation.         H330       Fatal if inhaled.         H332       Harmful i inhaled.         H334       May cause allergy or asthma symptoms or breathing difficulties if inhaled.         H335       May cause respiratory irritation.         H336       May cause drowsiness or dizziness.         H400       Very toxic to aquatic life.         H410       Very toxic to aquatic life with long lasting effects.         H411       Reacts violently with water.         EUH071       Corrosive to the respiratory tract.         Full to x. 2       ACUTE TOXICITY - Category 2         Acute Tox. 3       ACUTE TOXICITY - Category 1         Aquatic Chronic 1       AQUATIC HAZARD (LONG-TERM) - Category 1         Aquatic Chronic 3       AQUATIC HAZARD (LONG-TERM) - Category 1         Aquatic Chronic 3       EXPLORESION/IRRITATION - Category 1         Skin Corr. 1C       SKIN CORROSION/IRRITATION - Category 1         Skin Sens. 1       SKIN CORROSION/IRRITATION - Category 1         Skin Sens. 1A       SKIN CORROSION/IRRITATION - Category 1         Skin Sens. 1A       SKIN SENSITIZATION   |                                |                  |   |
| H315       Causes skin irritation.         H317       May cause an allergic skin reaction.         H319       Causes serious eye irritation.         H330       Fatal if inhaled.         H332       Harmful if inhaled.         H334       May cause allergy or asthma symptoms or breathing difficulties if inhaled.         H335       May cause respiratory irritation.         H336       May cause drowsiness or dizziness.         H400       Very toxic to aquatic life.         H411       Reacts violently with water.         EUH014       Reacts violently with water.         EUH071       Corrosive to the respiratory tract.         Eult text of classifications [CLP/GHS]       ACUTE TOXICITY - Category 2         Acute Tox. 2       ACUTE TOXICITY - Category 1         Acute Tox. 3       ACUTE TOXICITY - Category 1         Aquatic Chronic 1       AQUATIC HAZARD (LONG-TERM) - Category 1         Aquatic Chronic 3       AQUATIC HAZARD (LONG-TERM) - Category 2         Serious EYE DAMAGE/EYE IRRITATION - Category 1       AQUATIC HAZARD (LONG-TERM) - Category 1         Aquatic Chronic 3       FLAMMABLE LIQUIDS - Category 3         Resp. Sens. 1       SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1         Skin Korn. 1C       SKIN CORROSION/IRRITATION - Category 1         Skin Sens.  |                                |                  |   |
| H317 May cause an allergic skin reaction.<br>H319 Causes serious yee irritation.<br>H319 H330 Fatal if inhaled.<br>H332 Harmful if inhaled.<br>H334 May cause allergy or asthma symptoms or breathing difficulties if<br>inhaled.<br>H335 May cause drowsiness or dizziness.<br>H400 Very toxic to aquatic life with long lasting effects.<br>H410 Very toxic to aquatic life with long lasting effects.<br>H411 Aarmful to aquatic life with long lasting effects.<br>H412 Harmful to aquatic life with long lasting effects.<br>EUH014 Reacts violently with water.<br>EUH071 Corresive to the respiratory tract.<br>EUH071 Corresive to the respiratory tract.<br>EUH071 Acute Tox. 3<br>Acute Tox. 3<br>Acute Tox. 4<br>Aquatic Acute 1<br>Aquatic Chronic 1<br>Aquatic Chronic 1<br>Aquatic Chronic 3<br>Eye Irrit. 2<br>Flam. Liq. 3<br>Resp. Sens. 1<br>Skin Sens. 1<br>Skin Sens. 1<br>Skin Sens. 1<br>Stin Sens. 1<br>Sti |                                |                  |   |
| H319       Causes serious eye irritation.         H330       Fatal if inhaled.         H332       Harmful if inhaled.         H334       May cause allergy or asthma symptoms or breathing difficulties if inhaled.         H335       May cause respiratory irritation.         H336       May cause drowsiness or dizziness.         H400       Very toxic to aquatic life.         H410       Very toxic to aquatic life with long lasting effects.         H4112       Harmful to aquatic life with long lasting effects.         H412       Harmful to aquatic life with long lasting effects.         EUH014       Corrosive to the respiratory tract.         EUH144       Reacts violently with water.         EUH071       Corrosive to the respiratory tract.         Full text of classifications [CLP/GHS]       ACUTE TOXICITY - Category 2         Acute Tox. 2       ACUTE TOXICITY - Category 3         Acute Tox. 3       ACUTE TOXICITY - Category 1         Aquatic Chronic 1       AQUATIC HAZARD (LONG-TERM) - Category 1         Aquatic Chronic 3       AQUATIC HAZARD (LONG-TERM) - Category 3         Eye Irrit. 2       SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2         Flam. Liq. 3       FLAMMABLE LIQUIDS - Category 3         Resp. Sens. 1       RESPIRATORY SENSITIZATION - Category 2   |                                |                  |   |
| H330<br>H332<br>H334<br>H334<br>H335<br>H335<br>H335<br>H336<br>H336<br>H336<br>H336<br>H336<br>H336<br>H400<br>H410<br>H410<br>H411<br>H411<br>H412<br>EUH071Fatal if inhaled.<br>May cause alregy or asthma symptoms or breathing difficulties if<br>inhaled.<br>May cause drowsiness or dizziness.<br>Very toxic to aquatic life.<br>H410<br>H411<br>EUH071<br>EUH071<br>EUH071May cause drowsiness or dizziness.<br>Very toxic to aquatic life with long lasting effects.<br>Harmful to aquatic life with long lasting effects.<br>Harmful to aquatic life with long lasting effects.<br>Harmful to aquatic life with long lasting effects.<br>Corrosive to the respiratory tract.EUH071<br>EUH071Corrosive to the respiratory tract.EUH071<br>EUH071ACUTE TOXICITY - Category 2<br>Acute Tox. 2<br>Acute Tox. 3<br>Acute Tox. 4<br>Aquatic Acute 1<br>Aquatic Chronic 1<br>Aquatic Chronic 3<br>Eve Inrit. 2<br>SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1<br>Aquatic Chronic 3<br>Resp. Sens. 1<br>Skin Corr. 1C<br>Skin Irit. 2<br>Skin Sens. 1<br>Skin Sens. 1<br>Sk  |                                |                  |   |
| H332<br>H334<br>H334<br>H336<br>H335<br>H336<br>H336<br>H336<br>H336<br>H336<br>H336   |                                |                  |   |
| H334       May cause allergy or asthma symptoms or breathing difficulties if inhaled.         H335       May cause respiratory irritation.         H336       May cause drowsiness or dizziness.         H400       Very toxic to aquatic life.         H410       Very toxic to aquatic life.         H412       Harmful to aquatic life with long lasting effects.         EUH014       Reacts violently with water.         EUH071       Corrosive to the respiratory tract.         Full text of classifications [CLP/GHS]       ACUTE TOXICITY - Category 2         Acute Tox. 2       ACUTE TOXICITY - Category 3         Acute Tox. 3       ACUTE TOXICITY - Category 4         Aquatic Chronic 1       AQUATIC HAZARD (LONG-TERM) - Category 1         Aquatic Chronic 3       AQUATIC HAZARD (LONG-TERM) - Category 2         Aquatic Chronic 3       AQUATIC HAZARD (LONG-TERM) - Category 2         Flam. Liq. 3       FLAMMABLE LIQUIDS - Category 3         Resp. Sens. 1       RESPIRATORY SENSITIZATION - Category 1         Skin Fort. 2       SKIN CORROSION/IRRITATION - Category 1         Skin Sens. 1       SKIN CORROSION/IRRITATION - Category 2         Skin Sens. 1       SKIN SENSITIZATION - Category 1         Skin Sens. 1       SKIN SENSITIZATION - Category 1         Skin Sens. 1       SKIN SENSITIZATION - Category 1 </th <td></td> <td></td> <td></td>  |                                |                  |   |
| inhaled.       inhaled.         H335       May cause respiratory irritation.         H336       May cause drowsiness or dizziness.         H400       Very toxic to aquatic life.         H410       Very toxic to aquatic life.         H411       Very toxic to aquatic life.         EUH014       Reacts violently with water.         EUH011       Corrosive to the respiratory tract.         Full text of classifications [CLP/GHS]       ACUTE TOXICITY - Category 2         Acute Tox. 2       ACUTE TOXICITY - Category 3         Acute Tox. 3       ACUTE TOXICITY - Category 4         Aquatic Chronic 1       AQUATIC HAZARD (ACUTE) - Category 1         Aquatic Chronic 3       AQUATIC HAZARD (LONG-TERM) - Category 1         Aquatic Chronic 3       AQUATIC HAZARD (LONG-TERM) - Category 2         Flam. Liq. 3       FLAMMABLE LIQUIDS - Category 1         Resp. Sens. 1       SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1         Skin Corr. 1C       SKIN CORROSION/IRRITATION - Category 1         Skin Sens. 1       SKIN SENSITIZATION - Cate  |                                |                  |   |
| H335       May cause respiratory irritation.         H336       May cause drowsiness or dizziness.         H400       Very toxic to aquatic life.         H410       Very toxic to aquatic life with long lasting effects.         H412       Harmful to aquatic life with long lasting effects.         EUH014       Reacts violently with water.         EUH071       Corrosive to the respiratory tract.         Full text of classifications (CLP/GHS)       ACUTE TOXICITY - Category 2         Acute Tox. 2       ACUTE TOXICITY - Category 4         Acute Tox. 3       ACUTE TOXICITY - Category 4         Aquatic Acute 1       AQUATIC HAZARD (ACUTE) - Category 1         Aquatic Chronic 1       AQUATIC HAZARD (LONG-TERM) - Category 2         Aquatic Chronic 3       AQUATIC HAZARD (LONG-TERM) - Category 2         Flam. Lig. 3       FLAMMABLE LIQUIDS - Category 3         Resp. Sens. 1       RESPIRATORY SENSITIZATION - Category 1         Skin Sens. 1       SKIN CORROSION/IRRITATION - Category 1         Skin Sens. 1       SKIN SENSITIZATION - Category 1         Stin Sens. 1       SKIN SENSITIZATION - Category 1         Skin Sens. 1       SKIN SENSITIZATION - Category 1         Skin Sens. 1       SKIN SENSITIZATION - Category 1         Stin Sens. 1       SKIN SENSITIZATION - Category 1   | H334                           |                  |   |
| H336       May cause drowsiness or dizziness.         H400       Very toxic to aquatic life.         H410       Very toxic to aquatic life with long lasting effects.         H412       Harmful to aquatic life with long lasting effects.         EUH014       Reacts violently with water.         EUH071       Corrosive to the respiratory tract.         Full text of classifications [CLP/GHS]       ACUTE TOXICITY - Category 2         Acute Tox. 2       ACUTE TOXICITY - Category 4         Aquatic Acute 1       AQUATIC HAZARD (ACUTE) - Category 1         Aquatic Chronic 1       AQUATIC HAZARD (ACUTE) - Category 1         Aquatic Chronic 3       EVENDATIC HAZARD (LONG-TERM) - Category 2         Flam. Lig. 3       FLAMMABLE LIQUIDS - Category 1         Resp. Sens. 1       SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1         Skin Corn. 1C       SKIN CORROSION/IRRITATION - Category 1         Skin Sens. 1       SKIN SENSITIZATION - Category 1   |                                |                  |   |
| H400Very toxic to aquatic life.H410Very toxic to aquatic life with long lasting effects.H412Harmful to aquatic life with long lasting effects.EUH014Reacts violently with water.EUH071Corrosive to the respiratory tract.Full text of classifications [CLP/GHS]Moute Tox. 2ACUTE TOXICITY - Category 2Acute Tox. 3ACUTE TOXICITY - Category 4Acute Tox. 4ACUTE TOXICITY - Category 4Aquatic Acute 1AQUATIC HAZARD (ACUTE) - Category 1Aquatic Chronic 1AQUATIC HAZARD (LONG-TERM) - Category 3Aquatic Chronic 3AQUATIC HAZARD (LONG-TERM) - Category 2Flam. Liq. 3FLAMMABLE LIQUIDS - Category 1Resp. Sens. 1SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1Skin Corr. 1CSKIN CORROSION/IRRITATION - Category 1Skin Sens. 1SKIN SENSITIZATION - Category 1Start of issue/ Date of: 21 October 2022Date of issue/Da  | H335                           |                  |   |
| H410       Very toxic to aquatic life with long lasting effects.         H412       Harmful to aquatic life with long lasting effects.         EUH014       Reacts violently with water.         EUH071       Corrosive to the respiratory tract.         Full text of classifications [CLP/GHS]       ACUTE TOXICITY - Category 2         Acute Tox. 2       ACUTE TOXICITY - Category 4         Aquatic Acute 1       AQUATIC HAZARD (LONG-TERM) - Category 1         Aquatic Chronic 1       AQUATIC HAZARD (LONG-TERM) - Category 3         Aquatic Chronic 3       AQUATIC HAZARD (LONG-TERM) - Category 3         Eye Irit. 2       SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1         Aquatic Chronic 3       AQUATIC HAZARD (LONG-TERM) - Category 3         Eye Irit. 2       SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2         Flam. Liq. 3       RESPIRATORY SENSITIZATION - Category 1         Skin Corr. 1C       SKIN CORROSION/IRRITATION - Category 1         Skin Sens. 1       SKIN SENSITIZATION - Category 1         Skin Sens. 1A       SKIN SENSITIZATION - Category 1         Strin Sens. 1A       SKIN SENSITIZATION - Category 1         Strop SE 3       SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3         Date of printing       : 31 October 2022         Pate of issue/Date of       : 21 October 2022   | H336                           |                  | May cause drowsiness or dizziness.      |
| H410       Very toxic to aquatic life with long lasting effects.         H412       Harmful to aquatic life with long lasting effects.         EUH014       Reacts violently with water.         EUH071       Corrosive to the respiratory tract.         Full text of classifications [CLP/GHS]       ACUTE TOXICITY - Category 2         Acute Tox. 2       ACUTE TOXICITY - Category 4         Aquatic Acute 1       AQUATIC HAZARD (LONG-TERM) - Category 1         Aquatic Chronic 1       AQUATIC HAZARD (LONG-TERM) - Category 3         Aquatic Chronic 3       AQUATIC HAZARD (LONG-TERM) - Category 3         Eye Irit. 2       SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1         Aquatic Chronic 3       AQUATIC HAZARD (LONG-TERM) - Category 3         Eye Irit. 2       SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2         Flam. Liq. 3       RESPIRATORY SENSITIZATION - Category 1         Skin Corr. 1C       SKIN CORROSION/IRRITATION - Category 1         Skin Sens. 1       SKIN SENSITIZATION - Category 1         Skin Sens. 1A       SKIN SENSITIZATION - Category 1         Strin Sens. 1A       SKIN SENSITIZATION - Category 1         Strop SE 3       SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3         Date of printing       : 31 October 2022         Pate of issue/Date of       : 21 October 2022   | H400                           |                  | Very toxic to aquatic life.             |
| H412       Harmful to aquatic life with long lasting effects.         EUH014       Reacts violently with water.         EUH071       Corrosive to the respiratory tract.         Full text of classifications [CLP/GHS]         Acute Tox. 2       ACUTE TOXICITY - Category 2         Acute Tox. 3       ACUTE TOXICITY - Category 3         Acute Tox. 4       ACUTE TOXICITY - Category 4         Aquatic Acute 1       AQUATIC HAZARD (ACUTE) - Category 1         Aquatic Chronic 1       AQUATIC HAZARD (LONG-TERM) - Category 3         Serious 2       SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2         Flam. Liq. 3       FLAMMABLE LIQUIDS - Category 1         Skin Corr. 1C       SKIN CORROSION/IRRITATION - Category 1         Skin Sens. 1       SKIN SENSITIZATION - Category 1         Stin Sens. 1       SKIN SENSITIZATION - Category 1         Store of printing   | H410                           |                  |   |
| EUH014       Reacts violently with water.         EUH071       Corrosive to the respiratory tract.         Full text of classifications [CLP/GHS]       ACUTE TOXICITY - Category 2         Acute Tox. 2       ACUTE TOXICITY - Category 3         Acute Tox. 3       ACUTE TOXICITY - Category 4         Aquatic Acute 1       AQUATIC HAZARD (ACUTE) - Category 1         Aquatic Chronic 1       AQUATIC HAZARD (LONG-TERM) - Category 2         Aquatic Chronic 3       EVE INT. 2         Eye Irrit. 2       SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2         Flam. Liq. 3       FLAMMABLE LIQUIDS - Category 1         Skin Corr. 1C       SKIN CORROSION/IRRITATION - Category 1         Skin Sens. 1       SKIN SENSITIZATION - Category 1         Skin Sens. 1A       SKIN SENSITIZATION - Category 1         Stort SE 3       SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3         Date of printing       : 31 October 2022         Date of previous issue       : 30 September 2022         Date of previous issue       : 30 September 2022  |                                |                  |   |
| EUH071       Corrosive to the respiratory tract.         Full text of classifications [CLP/GHS]       ACUTE TOXICITY - Category 2         Acute Tox. 2       ACUTE TOXICITY - Category 3         Acute Tox. 3       ACUTE TOXICITY - Category 3         Acute Tox. 4       ACUTE TOXICITY - Category 1         Aquatic Acute 1       AQUATIC HAZARD (ACUTE) - Category 1         Aquatic Chronic 1       AQUATIC HAZARD (LONG-TERM) - Category 1         Aquatic Chronic 3       AQUATIC HAZARD (LONG-TERM) - Category 1         Eye Irrit. 2       SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2         Flam. Liq. 3       FLAMMABLE LIQUIDS - Category 3         Resp. Sens. 1       RESPIRATORY SENSITIZATION - Category 1         Skin Corr. 1C       SKIN CORROSION/IRRITATION - Category 1         Skin Sens. 1       SKIN SENSITIZATION - Category 1         Stin Sens. 1       SKIN SENSITIZATION - Category 1         Strin Sens. 1       SKIN SENSITIZATION - Category 1         Stror Se 3       Strin Sensi       Stri  |                                |                  |   |
| Full text of classifications [CLP/GHS]         Acute Tox. 2         Acute Tox. 3         Acute Tox. 4         Acute Tox. 4         Aquatic Acute 1         Aquatic Chronic 1         Aquatic Chronic 3         Eye Irrit. 2         Flam. Liq. 3         Resp. Sens. 1         Skin Corr. 1C         Skin Sens. 1         Skin Sens. 1         Strip Sens. 1         Strip Sens. 1         Skin Sens. 1         Strip Sens. 1  |                                |                  |   |
| Acute Tox. 2ACUTE TOXICITY - Category 2Acute Tox. 3ACUTE TOXICITY - Category 3Acute Tox. 4ACUTE TOXICITY - Category 4Aquatic Acute 1AQUATIC HAZARD (ACUTE) - Category 1Aquatic Chronic 1AQUATIC HAZARD (LONG-TERM) - Category 1Aquatic Chronic 3AQUATIC HAZARD (LONG-TERM) - Category 2Eye Irrit. 2SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2Flam. Liq. 3FLAMMABLE LIQUIDS - Category 3Resp. Sens. 1RESPIRATORY SENSITIZATION - Category 1Skin Corr. 1CSKIN CORROSION/IRRITATION - Category 1Skin Sens. 1SKIN SENSITIZATION - Category 1Stin Sens. 1SKIN SENSITIZATION - Category 1Story 3Storper 2022Date of printing: 31 October 2022Date of previous issue: 30 September 2022Date of previous issue: 30 September 2022Date of previous issue: 21-10-2022Date of prevision:21-10-2022State of issue/Date of revision:21-10-2022State of issue/Date of revision:21-10-2022State of iss  |                                |                  |   |
| Acute Tox. 3ACUTE TOXICITY - Category 3Acute Tox. 4ACUTE TOXICITY - Category 4Aquatic Acute 1AQUATIC HAZARD (ACUTE) - Category 1Aquatic Chronic 1AQUATIC HAZARD (LONG-TERM) - Category 1Aquatic Chronic 3SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2Eye Irrit. 2FLAMMABLE LIQUIDS - Category 3Resp. Sens. 1RESPIRATORY SENSITIZATION - Category 1Skin Corr. 1CSKIN CORROSION/IRRITATION - Category 2Skin Sens. 1SKIN CORROSION/IRRITATION - Category 1Skin Sens. 1SKIN SENSITIZATION - Category 1Skin Sens. 1SKIN SENSITIZATION - Category 1Skin Sens. 1ASKIN SENSITIZATION - Category 1Stort SE 3SI October 2022Date of printing: 31 October 2022Date of previous issue: 30 September 2022Date of previous issue: 30 September 2022Date of previous issue: 30 September 2022  | Full text of classifications   | [CLP/GHS]        |   |
| Acute Tox. 3ACUTE TOXICITY - Category 3Acute Tox. 4ACUTE TOXICITY - Category 4Aquatic Acute 1AQUATIC HAZARD (ACUTE) - Category 1Aquatic Chronic 1AQUATIC HAZARD (LONG-TERM) - Category 1Aquatic Chronic 3SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2Eye Irrit. 2FLAMMABLE LIQUIDS - Category 3Resp. Sens. 1RESPIRATORY SENSITIZATION - Category 1Skin Corr. 1CSKIN CORROSION/IRRITATION - Category 2Skin Sens. 1SKIN CORROSION/IRRITATION - Category 1Skin Sens. 1SKIN SENSITIZATION - Category 1Skin Sens. 1SKIN SENSITIZATION - Category 1Skin Sens. 1ASKIN SENSITIZATION - Category 1Stort SE 3SI October 2022Date of printing: 31 October 2022Date of previous issue: 30 September 2022Date of previous issue: 30 September 2022Date of previous issue: 30 September 2022  | Acute Tox. 2                   |                  | ACUTE TOXICITY - Category 2             |
| Acute Tox. 4ACUTE TOXICITY - Category 4Aquatic Acute 1AQUATIC HAZARD (ACUTE) - Category 1Aquatic Chronic 1AQUATIC HAZARD (LONG-TERM) - Category 1Aquatic Chronic 3AQUATIC HAZARD (LONG-TERM) - Category 3Eye Irrit. 2SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2Flam. Liq. 3FLAMMABLE LIQUIDS - Category 3Resp. Sens. 1RESPIRATORY SENSITIZATION - Category 1Skin Corr. 1CSKIN CORROSION/IRRITATION - Category 1Skin Sens. 1SKIN SENSITIZATION - Category 1Story SSCIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -<br>Category 3Date of printing: 31 October 2022Date of issue/Date of: 30 September 2022Date of issue/Date of revision:21-10-2022Date of issue/Date of revision:21-10-2022   |                                |                  |   |
| Aquatic Acute 1AQUATIC HAZARD (ACUTE) - Category 1Aquatic Chronic 1AQUATIC HAZARD (LONG-TERM) - Category 1Aquatic Chronic 3AQUATIC HAZARD (LONG-TERM) - Category 3Eye Irrit. 2SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2Flam. Liq. 3FLAMMABLE LIQUIDS - Category 3Resp. Sens. 1RESPIRATORY SENSITIZATION - Category 1Skin Corr. 1CSKIN CORROSION/IRRITATION - Category 1CSkin Irrit. 2SKIN CORROSION/IRRITATION - Category 1Skin Sens. 1SKIN SENSITIZATION - Category 1Skin Sens. 1SKIN SENSITIZATION - Category 1Skin Sens. 1ASKIN SENSITIZATION - Category 1ASTOT SE 3SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -<br>Category 3Date of printing: 31 October 2022Date of previous issue: 30 September 2022Date of issue/Date of revision:21-10-2022Version :1.01  |                                |                  |   |
| Aquatic Chronic 1<br>Aquatic Chronic 3AQUATIC HAZARD (LONG-TERM) - Category 1<br>AQUATIC HAZARD (LONG-TERM) - Category 3<br>SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2<br>FLAMMABLE LIQUIDS - Category 3<br>Resp. Sens. 1<br>Skin Corr. 1C<br>Skin Irrit. 2<br>Skin Sens. 1<br>Skin Sens. 1<br>Stin Sens. 1<br>Stin Sens. 1A<br>STOT SE 3AQUATIC HAZARD (LONG-TERM) - Category 1<br>SKIN CORROSION/IRRITATION - Category 1<br>SKIN CORROSION/IRRITATION - Category 1C<br>SKIN CORROSION/IRRITATION - Category 1C<br>SKIN CORROSION/IRRITATION - Category 2<br>SKIN SENS. 1<br>SKIN SENS. 1A<br>STOT SE 3SKIN CORROSION/IRRITATION - Category 1<br>SKIN SENSITIZATION - Category 1A<br>SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -<br>Category 3Date of printing: 31 October 2022<br>: 21 October 2022Date of issue/Date of<br>revision: 30 September 2022Date of issue/Date of revision: 21-10-2022<br>: 21-10-2022  |                                |                  |   |
| Aquatic Chronic 3AQUATIC HAZARD (LONG-TERM) - Category 3Eye Irrit. 2SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2Flam. Liq. 3FLAMMABLE LIQUIDS - Category 3Resp. Sens. 1RESPIRATORY SENSITIZATION - Category 1Skin Corr. 1CSKIN CORROSION/IRRITATION - Category 1CSkin Irrit. 2SKIN CORROSION/IRRITATION - Category 2Skin Sens. 1SKIN SENSITIZATION - Category 1Skin Sens. 1SKIN SENSITIZATION - Category 1Skin Sens. 1ASKIN SENSITIZATION - Category 1ASTOT SE 3SECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -<br>Category 3Date of printing: 31 October 2022Date of issue/ Date of: 21 October 2022Date of previous issue: 30 September 2022Date of issue/Date of revision:21-10-2022Version:21-10-2022Date of issue/Date of revision:21-10-2022  |                                |                  |   |
| Eye Irrit. 2SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2Flam. Liq. 3FLAMMABLE LIQUIDS - Category 3Resp. Sens. 1RESPIRATORY SENSITIZATION - Category 1Skin Corr. 1CSKIN CORROSION/IRRITATION - Category 1CSkin Irrit. 2SKIN CORROSION/IRRITATION - Category 2Skin Sens. 1SKIN SENSITIZATION - Category 1Skin Sens. 1ASKIN SENSITIZATION - Category 1ASTOT SE 3SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -<br>Category 3Date of printing: 31 October 2022Date of previous issue: 30 September 2022Date of previous issue: 30 September 2022Date of issue/Date of revision: 21-10-2022Version : 1.01: 21-10-2022  |                                |                  |   |
| Flam. Liq. 3       FLAMMABLE LIQUIDS - Category 3         Resp. Sens. 1       RESPIRATORY SENSITIZATION - Category 1         Skin Corr. 1C       SKIN CORROSION/IRRITATION - Category 1C         Skin Irrit. 2       SKIN CORROSION/IRRITATION - Category 2         Skin Sens. 1       SKIN SENSITIZATION - Category 1         Skin Sens. 1A       SKIN SENSITIZATION - Category 1         Store of printing       : 31 October 2022         Date of previous issue       : 30 September 2022         Date of issue/Date of revision       : 21-10-2022         Version       : 21-10-2022   |                                |                  |   |
| Resp. Sens. 1RESPIRATORY SENSITIZATION - Category 1Skin Corr. 1CSKIN CORROSION/IRRITATION - Category 1CSkin Irrit. 2SKIN CORROSION/IRRITATION - Category 2Skin Sens. 1SKIN SENSITIZATION - Category 1Skin Sens. 1ASKIN SENSITIZATION - Category 1STOT SE 3SKIN SENSITIZATION - Category 1ADate of printing: 31 October 2022Date of issue/ Date of: 21 October 2022Date of previous issue: 30 September 2022Date of issue/Date of revision: 21-10-2022Version : 21-10-2022: 21.01   |                                |                  |   |
| Skin Corr. 1C       SKIN CORROSION/IRRITATION - Category 1C         Skin Irrit. 2       SKIN CORROSION/IRRITATION - Category 2         Skin Sens. 1       SKIN SENSITIZATION - Category 1         Skin Sens. 1A       SKIN SENSITIZATION - Category 1A         STOT SE 3       SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3         Date of printing       : 31 October 2022         Date of issue/ Date of       : 21 October 2022         Date of previous issue       : 30 September 2022         Date of issue/Date of revision       : 21-10-2022         Version :1.01  |                                |                  |   |
| Skin Irrit. 2       SKIN CORROSION/IRRITATION - Category 2         Skin Sens. 1       SKIN SENSITIZATION - Category 1         Skin Sens. 1A       SKIN SENSITIZATION - Category 1A         STOT SE 3       SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3         Date of printing       : 31 October 2022         Date of issue/ Date of       : 21 October 2022         Date of previous issue       : 30 September 2022         Date of issue/Date of revision       : 21-10-2022         Version : 1.01       : 21-0-2022   |                                |                  |   |
| Skin Sens. 1       SKIN SENSITIZATION - Category 1         Skin Sens. 1A       SKIN SENSITIZATION - Category 1A         STOT SE 3       SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3         Date of printing       : 31 October 2022         Date of issue/ Date of       : 21 October 2022         revision       : 30 September 2022         Date of previous issue       : 30 September 2022         Date of issue/Date of revision       : 21-10-2022         Version :1.01       : 21-0-2022  | Skin Corr. 1C                  |                  | SKIN CORROSION/IRRITATION - Category 1C |
| Skin Sens. 1A       SKIN SENSITIZATION - Category 1A         STOT SE 3       SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3         Date of printing       : 31 October 2022         Date of issue/ Date of       : 21 October 2022         revision       : 30 September 2022         Date of previous issue       : 30 September 2022         Date of issue/Date of revision       : 21-10-2022         Version       : 1.01  | Skin Irrit. 2                  |                  | SKIN CORROSION/IRRITATION - Category 2  |
| Skin Sens. 1A       SKIN SENSITIZATION - Category 1A         STOT SE 3       SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3         Date of printing       : 31 October 2022         Date of issue/ Date of       : 21 October 2022         revision       : 30 September 2022         Date of previous issue       : 30 September 2022         Date of issue/Date of revision       : 21-10-2022         Version       : 1.01  | Skin Sens. 1                   |                  | SKIN SENSITIZATION - Category 1         |
| STOT SE 3       SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3         Date of printing       : 31 October 2022         Date of issue/ Date of       : 21 October 2022         Pate of previous issue       : 30 September 2022         Date of issue/Date of revision       : 21-10-2022         Version       : 1.01  | Skin Sens. 1A                  |                  | SKIN SENSITIZATION - Category 1A        |
| Category 3         Date of printing       : 31 October 2022         Date of issue/ Date of       : 21 October 2022         revision       : 30 September 2022         Date of issue/Date of revision       : 21-10-2022         Version       : 1.01   |                                |                  |   |
| Date of printing       : 31 October 2022         Date of issue/ Date of       : 21 October 2022         revision       : 30 September 2022         Date of previous issue       : 30 September 2022         Date of issue/Date of revision       : 21-10-2022         Version       : 1.01   |                                |                  |   |
| Date of issue/ Date of revision       : 21 October 2022         Date of previous issue       : 30 September 2022         Date of issue/Date of revision       : 21-10-2022         Version       : 1.01  | Date of printing               | : 31 October 202 |   |
| revision         Date of previous issue       : 30 September 2022         Date of issue/Date of revision       : 21-10-2022         Version       : 1.01   |                                | • 21 October 202 | 22                                      |
| Date of issue/Date of revision : 21-10-2022 Version : 1.01   | revision                       | . 21 October 202 |   |
|  | Date of previous issue         | : 30 September 2 | 2022                                    |
| Date of previous issue : 30-9-2022 16/17 AkzoNobe  | Date of issue/Date of revision | : 21-10-2022     |   |
|  | Date of previous issue         | : 30-9-2022      | 16/17 AkzoNobel                         |
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### **SECTION 16: Other information**

Version Unique ID

: 1.01

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