

## Safety Data Sheet according to Regulation (EC) 'No. 2020/878



**Construction  
Products Group**  
Europe



### SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

|     |   |   |                  |            |
|-----|---|---|------------------|------------|
| 1.1 | Product Identifier  | PERAN EWS PART B  | Revision Date:   | 10/08/2023 |
|     | Product Name:   | Peran EWS Part B  | Supersedes Date: | 19/12/2022 |
|     |   |   | Version Number:  | 1          |
|     | UFI Code:   | VRJ4-J0WE-M00Q-XNA0   |                  |            |
|     | Nanoform:   | No  |                  |            |
| 1.2 | Relevant identified uses of the substance or mixture and uses advised against | Component of multicomponent coatings - Professional use only. Coatings and paints, thinners, paint removers. Manual activities involving hand contact. Widespread use leading to inclusion into/onto article (indoor). Widespread use leading to inclusion into/onto article (outdoor). For use by appropriately trained applicators. Roller application or brushing. Advised against: Home DIY applications. Advised against: Spray application, because of the additional hazards. Advised against: others than recommended |                  |            |
| 1.3 | Details of the supplier of the safety data sheet                              |   |                  |            |
|     | Manufacturer:   | Tremco CPG Poland Sp. z o. o.<br>Ul. Marywilska 34<br>03-228 Warszawa<br>Polska<br><br>Tel: +48 22 879 8907<br>Fax: +48 22 879 8918<br>ehs.uk@flowcrete.com<br>www.flowcrete.com.pl/  |                  |            |
|     | Datasheet Produced by:  | ehs.uk@flowcrete.com  |                  |            |
| 1.4 | Emergency telephone number:   | CHEMTREC +1 703 5273887 (Outside US)  |                  |            |

### SECTION 2: Hazards Identification

#### 2.1 Classification of the substance or mixture

Classification according to Classification, Labeling & Packaging Regulation (EC) 1272/2008

**HAZARD STATEMENTS**

|   |         |
|---|---------|
| Acute Toxicity, Oral, category 4                          | H302    |
| Skin Corrosion, category 1B                               | H314-1B |
| Skin Sensitizer, category 1                               | H317    |
| Hazardous to the aquatic environment, Chronic, category 3 | H412    |

**2.2 Label elements****Symbol(s) of Product****Signal Word**

Danger

**Named Chemicals on Label**

Salicylic acid, 2,4,6-Tris(dimethylaminomethyl)phenol, Benzyl alcohol, 3-Aminomethyl-3,5,5-trimethylcyclohexylamine, 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane

**HAZARD STATEMENTS**

|   |         |  |
|---|---------|--|
| Acute Toxicity, Oral, category 4                          | H302    | Harmful if swallowed.                              |
| Skin Corrosion, category 1B                               | H314-1B | Causes severe skin burns and eye damage.           |
| Skin Sensitizer, category 1                               | H317    | May cause an allergic skin reaction.               |
| Hazardous to the aquatic environment, Chronic, category 3 | H412    | Harmful to aquatic life with long lasting effects. |

**PRECAUTION PHRASES**

|              |   |
|--------------|---|
| P273         | Avoid release to the environment.   |
| P280         | Wear protective gloves/protective clothing/eye protection/face protection.  |
| P303+361+353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.                          |
| P305+351+338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. |
| P333+313     | If skin irritation or rash occurs: Get medical advice/attention.  |

**2.3 Other hazards**

No Information

**Results of PBT and vPvB assessment:**

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

**Endocrine disrupting properties - Toxicity**

|                       |         |
|-----------------------|---------|
| Name According to EEC | CAS-No. |
|-----------------------|---------|

No Information

**Endocrine disrupting properties - Ecotoxicity**

|                       |         |
|-----------------------|---------|
| Name According to EEC | CAS-No. |
|-----------------------|---------|

No Information

### SECTION 3: Composition/Information On Ingredients

#### 3.1 Substances

Not applicable

#### 3.2 Mixtures

##### Hazardous ingredients

| <u>Name According to EEC</u><br><u>EINEC No.</u><br><u>CAS-No.</u><br><u>REACH Reg No.</u>   | <u>%</u> | <u>Classifications</u>  | <b>SCL Value:</b><br><b>ATE Value:</b><br><b>M-Factor:</b>               |
|--|----------|---|--|
| Benzyl alcohol<br>202-859-9<br>100-51-6<br>01-2119492630-38  | 25 - <50 | H302-319-332<br><br>Acute Tox. 4 Inhalation, Acute Tox. 4 Oral,<br>Eye Irrit. 2                                       | <b>SCL Value:</b> -<br><br><b>ATE Value:</b> -<br><br><b>M-Factor:</b> - |
| 3-Aminomethyl-3,5,5-trimethylcyclohexylamine<br>220-666-8<br>2855-13-2<br>01-2119514687-32   | 10 - <25 | H302-312-314-317-412<br><br>Acute Tox. 4 Dermal, Acute Tox. 4 Oral,<br>Aquatic Chronic 3, Skin Corr. 1B, Skin Sens. 1 | <b>SCL Value:</b> -<br><br><b>ATE Value:</b> -<br><br><b>M-Factor:</b> - |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane<br>500-302-7<br>113930-69-1<br>01-2119965162-39 | 10 - <25 | H314-317-411<br><br>Aquatic Chronic 2, Skin Corr. 1B, Skin Sens. 1  | <b>SCL Value:</b> -<br><br><b>ATE Value:</b> -<br><br><b>M-Factor:</b> - |

|   |            |   |                   |   |
|---|------------|---|-------------------|---|
| 2,4,6-Tris<br>(dimethylaminomethyl)phenol<br>202-013-9<br>90-72-2<br>01-2119560597-27 | 2.5 - <10  | H302-314<br><br>Acute Tox. 4 Oral, Skin Corr. 1C            | <b>SCL Value:</b> | - |
|   |            |   | <b>ATE Value:</b> | - |
|   |            |   | <b>M-Factor:</b>  | - |
| Salicylic acid<br>200-712-3<br>69-72-7<br>01-2119486984-17                            | 1.0 - <2.5 | H302-318-361d<br><br>Acute Tox. 4 Oral, Eye Dam. 1, Repr. 2 | <b>SCL Value:</b> | - |
|   |            |   | <b>ATE Value:</b> | - |
|   |            |   | <b>M-Factor:</b>  | - |

**Additional Information:** The text for CLP Hazard Statements shown above (if any) is given in Section 16.

## SECTION 4: First-aid Measures

### 4.1 Description of First Aid Measures

**GENERAL NOTES:** When symptoms persist or in all cases of doubt seek medical advice. Show this safety data sheet to the doctor in attendance. Risk of product entering the lungs on vomiting after ingestion. Remove contaminated clothing and shoes.

**AFTER INHALATION:** Remove person to fresh air. If signs/symptoms continue, get medical attention.

**AFTER SKIN CONTACT:** Use a mild soap if available. Consult a physician. Do not use solvent or thinners to clean skin. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**AFTER EYE CONTACT:** Immediate medical attention is required. Keep eye wide open while rinsing. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses.

**AFTER INGESTION:** Gently wipe or rinse the inside of the mouth with water. If conscious, drink plenty of water. Never give anything by mouth to an unconscious person. If swallowed, seek medical advice immediately and show this container or label. If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel.

#### Self protection of the first aider:

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

Causes serious eye damage. Causes burns. May cause sensitization by skin contact. Harmful by inhalation and if swallowed.

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

Treat symptomatically. Immediate medical attention is required. No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam, Water Fog

**FOR SAFETY REASONS NOT TO BE USED:** Do not use a solid water stream as it may scatter and spread fire. Alcohol, Alcohol based solutions, any other media not listed above.

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

In case of fire hazardous decomposition products may be produced such as: Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.

### 5.3 Advice for firefighters

Keep containers and surroundings cool with water spray. In the event of fire, wear self-contained breathing apparatus. Do not use a solid water stream as it may scatter and spread fire. Hazardous decomposition products formed under fire conditions. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

## SECTION 6: Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 For non-emergency personnel

Avoid contact with skin, eyes and clothing. For personal protection see section 8.2. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.

#### 6.1.2 For emergency responders

See Section 7, 8 and 10 for further information.

### 6.2 Environmental precautions

Discharge into the environment must be avoided. Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

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

Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

### 6.4 Reference to other sections

**FURTHER INSTRUCTIONS:** Please refer to EU disposal requirements or country specific disposal requirements for this material. See Section 8 and 13 for further information. Refer to protective measures listed in sections 7 and 8.

## SECTION 7: Handling and Storage

### 7.1 Precautions for safe handling

Wear personal protective equipment. Do not breathe vapours or spray mist. Avoid contact with skin and eyes. Apply technical measures to comply with the occupational exposure limits (see section 8). People handling epoxy products must have received special training according to guidelines from the National Occupational Health and Safety Board. In the case of sensitisation to any of the ingredients, it is inadvisable to work with the product. Handle in accordance with good industrial hygiene and safety practice. Keep working clothes separately. Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

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

**CONDITIONS TO AVOID:** Avoid temperatures above 40 °C, direct sunlight and contact with sources of heat. Do not freeze. **STORAGE CONDITIONS:** Keep out of the reach of children. Keep at temperatures between 15 and 30 °C. Store in original container. Keep container tightly closed in a dry and well-ventilated place. Keep container closed when not in use. Keep away from food, drink and animal feeding stuffs.

### 7.3 Specific end use(s)

Component of multicomponent coatings. The mixing and application to be in accordance with the technical data sheets.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control parameters

#### Ingredients with Occupational Exposure Limits (UK WELS)

| <u>Name</u>  | <u>CAS-No.</u> | <u>LTEL ppm</u> | <u>STEL ppm</u> | <u>STEL mg/m3</u> | <u>LTEL mg/m3</u> |
|--|----------------|-----------------|-----------------|-------------------|-------------------|
| Benzyl alcohol   | 100-51-6       |                 |                 |                   |                   |
| 3-Aminomethyl-3,5,5-trimethylcyclohexylamine   | 2855-13-2      |                 |                 |                   |                   |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane | 113930-69-1    |                 |                 |                   |                   |
| 2,4,6-Tris(dimethylaminomethyl)phenol  | 90-72-2        |                 |                 |                   |                   |
| Salicylic acid   | 69-72-7        |                 |                 |                   |                   |

| <u>Name</u>  | <u>CAS-No.</u> | <u>OEL Note</u> |
|--|----------------|-----------------|
| Benzyl alcohol   | 100-51-6       |                 |
| 3-Aminomethyl-3,5,5-trimethylcyclohexylamine   | 2855-13-2      |                 |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane | 113930-69-1    |                 |
| 2,4,6-Tris(dimethylaminomethyl)phenol  | 90-72-2        |                 |
| Salicylic acid   | 69-72-7        |                 |

**FURTHER ADVICE:** Refer to the regulatory exposure limits for the workforce enforced in each country. Some components may not have been classified under the EU CLP Regulation.

#### Chemical Name:

Benzyl alcohol

#### EC No.:

202-859-9

#### CAS-No.:

100-51-6

#### DNELs - Derived no effect level

| Route of Exposure | Workers            |                        |                       |                          | Consumers          |                        |                       |                          |
|-------------------|--------------------|------------------------|-----------------------|--------------------------|--------------------|------------------------|-----------------------|--------------------------|
|                   | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic |
| Oral              |                    |                        | Not required          |                          |                    | 20 mg/kg bw/d          |                       | 4 mg/kg bw/d             |
| Inhalation        | -                  | 110 mg/m <sup>3</sup>  | -                     | 22 mg/m <sup>3</sup>     | -                  | 27 mg/m <sup>3</sup>   | -                     | 5.4 mg/m <sup>3</sup>    |
| Dermal            | -                  | 40 mg/kg bw/d          | -                     | 8 mg/kg bw/d             | -                  | 20 mg/kg bw/d          | -                     | 4 mg/kg bw/d             |

#### PNEC's - Predicted no effect concentration

|                                    |             |
|------------------------------------|-------------|
| Environmental protection target    | PNEC        |
| Fresh water                        | 1 mg/l      |
| Fresh water sediments              | 5.27 mg/kg  |
| Marine water                       | 0.1 mg/l    |
| Marine sediments                   | 0.527 mg/kg |
| Food chain                         |             |
| Microorganisms in sewage treatment | 39 mg/l     |
| soil (agricultural)                | 0.456 mg/kg |
| Air                                |             |

**Chemical Name:**

3-Aminomethyl-3,5,5-trimethylcyclohexylamine

**EC No.:**

220-666-8

**CAS-No.:**

2855-13-2

**DNELs - Derived no effect level**

| Route of Exposure | Workers                 |                        |                         |                          | Consumers          |                        |                       |                          |
|-------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------|------------------------|-----------------------|--------------------------|
|                   | Acute effect local      | Acute effects systemic | Chronic effects local   | Chronic effects systemic | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic |
| Oral              | Not required            |                        |                         |                          |                    |                        |                       | 0.526 mg/kg bw/d         |
| Inhalation        | 0.073 mg/m <sup>3</sup> |                        | 0.073 mg/m <sup>3</sup> |                          |                    |                        |                       |                          |
| Dermal            |                         |                        |                         |                          |                    |                        |                       |                          |

**PNEC's - Predicted no effect concentration**

| Environmental protection target    | PNEC                                |
|------------------------------------|-------------------------------------|
| Fresh water                        | 0.06 mg/l                           |
| Fresh water sediments              | 5.784 mg/kg (sediment dw)           |
| Marine water                       | 0.006 mg/l                          |
| Marine sediments                   | 0.578 mg/kg (sediment dw)           |
| Food chain                         | Not expected to be bioaccumulative. |
| Microorganisms in sewage treatment | 3.18 mg/l                           |
| soil (agricultural)                | 1.121 mg/kg (soil dw)               |
| Air                                |                                     |

**Chemical Name:**

2,4,6-Tris(dimethylaminomethyl)phenol

**EC No.:**

202-013-9

**CAS-No.:**

90-72-2

**DNELs - Derived no effect level**

| Route of Exposure | Workers            |                        |                       |                          | Consumers          |                        |                       |                          |
|-------------------|--------------------|------------------------|-----------------------|--------------------------|--------------------|------------------------|-----------------------|--------------------------|
|                   | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic |
| Oral              | Not required       |                        |                       |                          |                    |                        |                       |                          |
| Inhalation        |                    |                        |                       | 0.31 mg/m <sup>3</sup>   |                    |                        |                       |                          |
| Dermal            |                    |                        |                       |                          |                    |                        |                       |                          |

**PNEC's - Predicted no effect concentration**

| Environmental protection target    | PNEC        |
|------------------------------------|-------------|
| Fresh water                        | 0.084 mg/l  |
| Fresh water sediments              |             |
| Marine water                       | 0.0084 mg/l |
| Marine sediments                   |             |
| Food chain                         |             |
| Microorganisms in sewage treatment | 0.2 mg/l    |
| soil (agricultural)                |             |
| Air                                |             |

**Chemical Name:**

Salicylic acid

**EC No.:**

200-712-3

**CAS-No.:**

69-72-7

**DNELs - Derived no effect level**

| Route of Exposure | Workers            |                        |                       |                          | Consumers          |                        |                       |                          |
|-------------------|--------------------|------------------------|-----------------------|--------------------------|--------------------|------------------------|-----------------------|--------------------------|
|                   | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic |
| Oral              | Not required       |                        |                       |                          |                    | 4 mg/kg bw/d           |                       | 1 mg/kg bw/d             |
| Inhalation        |                    |                        | 5 mg/m <sup>3</sup>   | 5 mg/m <sup>3</sup>      |                    |                        |                       | 4 mg/m <sup>3</sup>      |
| Dermal            |                    |                        |                       | 2.3 mg/kg bw/d           |                    |                        |                       | 1 mg/kg bw/d             |

**PNEC's - Predicted no effect concentration**

| Environmental protection target    | PNEC        |
|------------------------------------|-------------|
| Fresh water                        | 0.2 mg/l    |
| Fresh water sediments              | 1.42 mg/kg  |
| Marine water                       | 0.02 mg/l   |
| Marine sediments                   | 0.142 mg/kg |
| Food chain                         |             |
| Microorganisms in sewage treatment | 162 mg/l    |
| soil (agricultural)                | 0.166 mg/kg |
| Air                                |             |

**8.2 Exposure controls****Personal Protection**

**RESPIRATORY PROTECTION:** No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment, filter ABEK-P2.

**EYE PROTECTION:** Eye wash bottle with pure water. Face-shield. Safety glasses with side-shields conforming to EN 166.

**HAND PROTECTION:** Use chemical resistant gloves (EN 374): Nitrile rubber; thickness  $\geq 0,5$  mm; breakthrough time  $\geq 480$  min. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature). Long sleeved clothing. Remove and wash contaminated clothing before re-use.

**OTHER PROTECTIVE EQUIPMENT:** Ensure that eyewash stations and safety showers are close to the workstation location.

**ENGINEERING CONTROLS:** Ensure adequate ventilation, especially in confined areas.

**SECTION 9: Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

|   |                |
|---|----------------|
| Colour:   | Yellowish      |
| Physical State  | Liquid         |
| Odor  | Amine like     |
| Odor threshold  | Not determined |
| pH  | Not determined |
| Melting point / freezing point (°C)                           | Not determined |
| Boiling point or initial boiling point and boiling range (°C) | 205 - N.D.     |
| Flash Point, (°C)   | Not measured   |
| Evaporation rate  | Not determined |
| Flammability (solid, gas)                                     | Not determined |
| Lower and upper explosive limit                               | Not determined |
| Vapour Pressure   | Not determined |
| Relative vapour density                                       | Not determined |



|  |                           |
|--|---------------------------|
| Density and/or relative density        | Not determined            |
| Solubility in / Miscibility with water | Not determined            |
| Partition coefficient: n-octanol/water | Not determined            |
| Auto-ignition temperature (°C)         | Not determined            |
| Decomposition temperature (°C)         | Not determined            |
| Kinematic viscosity                    | Not determined            |
| Particle characteristics               | Not applicable to liquids |

## 9.2 Other information

|                                       |       |
|---------------------------------------|-------|
| VOC Content g/l:                      | <200  |
| Specific Gravity (g/cm <sup>3</sup> ) | 0.120 |

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

No reactivity hazards known under recommended storage and use conditions.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Exothermic reaction with strong acids.

### 10.4 Conditions to avoid

Avoid temperatures above 40 °C, direct sunlight and contact with sources of heat. Do not freeze.

### 10.5 Incompatible materials

Acids. Oxidizing agents.

### 10.6 Hazardous decomposition products

In case of fire **hazardous decomposition products** may be produced such as: Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke. No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute Toxicity:

|                  |                |
|------------------|----------------|
| Oral LD50:       | No Information |
| Inhalation LC50: | No Information |
| Dermal LD50:     | No Information |

**Irritation:** No information available.

**Corrosivity:** Corrosive to eyes and skin.

**Sensitization:** May cause an allergic skin reaction.

**Repeated dose toxicity:** No information available.

**Carcinogenicity:** No information available.

**Mutagenicity:** No information available.

**Toxicity for reproduction:** No information available.

**STOT-single exposure:** No information available.

**STOT-repeated exposure:** No information available.

**Aspiration hazard:** No information available.

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested.  
Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Name According to EEC</u>                 | <u>Oral LD50</u> | <u>Dermal LD50</u>  | <u>Vapor LC50</u> | <u>Gas LC50</u> | <u>Dust/Mist LC50</u>   |
|----------------|--|------------------|---------------------|-------------------|-----------------|-------------------------|
| 100-51-6       | Benzyl alcohol                               | 1620 mg/kg (rat) | 2001 mg/kg (rabbit) |                   |                 | > 4.178 mg/l (4 h, rat) |
| 2855-13-2      | 3-Aminomethyl-3,5,5-trimethylcyclohexylamine |                  | 1840 mg/kg (rabbit) | Not determined    | Not determined  | > 5.01 mg/l (rat, 4h)   |
| 69-72-7        | Salicylic acid                               |                  | >2000 mg/kg (rat)   |                   | 0.000           | 0.000                   |

#### Additional Information:

In the case of sensitisation to any of the ingredients, it is inadvisable to work with the product. Corrosive to skin. Corrosive - causes irreversible eye damage. Ingestion may cause nausea, vomiting, sore throat, stomach-ache and eventually lead to a perforation of the intestine. May cause allergic skin reaction.

#### 11.2 Information on other hazards

##### Endocrine disrupting properties - Toxicity

Name According to EEC

CAS-No.

No Information

## SECTION 12: Ecological Information

#### 12.1 Toxicity:

EC50 48hr (Daphnia): No information

IC50 72hr (Algae): No information

LC50 96hr (fish): No information

**12.2 Persistence and degradability:** No information

**12.3 Bioaccumulative potential:** No information

**12.4 Mobility in soil:** No information

**12.5 Results of PBT and vPvB assessment:** The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

#### 12.6 Endocrine disrupting properties

##### Endocrine disrupting properties - Ecotoxicity

Name According to EEC

CAS-No.

No Information

**12.7 Other adverse effects:**

No information

| <u>CAS-No.</u> | <u>Name According to EEC</u>   | <u>EC50 48hr</u>        | <u>IC50 72hr</u>                                 | <u>LC50 96hr</u>                |
|----------------|--|-------------------------|--|---------------------------------|
| 100-51-6       | Benzyl alcohol   | 230 mg/l                | 770 mg/l<br>(Pseudokirchneriella)                | 460 mg/l (Pimephales promelas)  |
| 2855-13-2      | 3-Aminomethyl-3,5,5-trimethylcyclohexylamine   | 23 mg/l (Daphnia magna) | No information                                   | 110 mg/l (Leuciscus idus)       |
| 113930-69-1    | 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane | 1.46 mg/L               | No information                                   | 64 mg/L                         |
| 90-72-2        | 2,4,6-Tris(dimethylaminomethyl)phenol  | No information          | No information                                   |                                 |
| 69-72-7        | Salicylic acid   | 870 mg/l                | > 100 mg/l<br>(Desmodesmus subspicatus) OECD 201 | 1380 mg/l (pimephales promelas) |

## SECTION 13: Disposal Considerations

- 13.1 WASTE TREATMENT METHODS:** Dispose of waste material at an approved hazardous waste treatment/disposal facility in accordance with applicable local state, and federal regulations. Do not dispose of waste with normal garbage, or to sewer systems. Contaminated packaging to be disposed of as product. Fully drained containers which are drop- and scrape-free can be treated as industrial waste, and can possibly be recycled. Empty containers should be taken to an approved waste handling site for recycling or disposal. The product should not be allowed to enter drains, water courses or the soil.

**European Waste Code:** 08 01 11\*  
**Packaging Waste Code:** 150110

**SECTION 14: Transport Information**

|  | ADR/RID  | ADN   | IMDG   | IATA   |
|--|--|---|--|--|
| <b>14.1 UN-number or ID number</b>     | UN2735   | UN2735  | UN2735   | UN2735   |
| <b>14.2 UN proper shipping name</b>    | Amines, liquid, corrosive, N.O.S.,(m-Xylenediamine, Isophoronediamine) | Amines, liquid, corrosive, N.O.S., (m-Xylenediamine, Isophoronediamine) | Amines, liquid, corrosive, N.O.S.,(m-Xylenediamine, Isophoronediamine) | Amines, liquid, corrosive, N.O.S.,(m-Xylenediamine, Isophoronediamine) |
| <b>14.3 Transport Hazard Class(es)</b> | 8  | 8   | 8  | 8  |
| <b>14.4 Packing Group</b>              | III  | III   | III  | III  |
| <b>14.5 Enviromental Hazards</b>       | Marine Pollutant   | No Information  | Marine Pollutant   | No Information   |

**14.6 Special precautions for user** Not applicable

**EmS-No.:** Not applicable

**14.7 Maritime transport in bulk according to IMO intruments** Not applicable

**SECTION 15: Regulatory Information****15.1 Safety, health and environmental regulations/legislation for the substance or mixture:****National Regulations:**

**Denmark Product Registration Number:** Not available

**Danish MAL Code:** 00-5 (1993)

**Danish MAL Code - Mixture:** Not available

**Sweden Product Registration Number:** Not available

**Norway Product Registration Number:** 58991

**Germany WGK Class:** Not available

**Directive 2004/42/CE :** <200

**Covered by Directive 2012/18/EC (Seveso III):** Not applicable

**Restrictions to product or to substances according to Annex XVII, Regulation (CE) 1907/2006:**

Not applicable

**Annex XIV, Regulation (CE) 1907/2006 - Authorisation List:**

CAS-No.      Name According to EEC

Not Applicable

**SVHC - Substances of very high concern (Candidate List - Art. 59 REACH):**

CAS-No.      Name According to EEC

Not Applicable

**15.2 Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**SECTION 16: Other Information**

**Text for CLP Hazard Statements shown in Section 3 describing each ingredient:**

|       |  |
|-------|--|
| H302  | Harmful if swallowed.                              |
| H312  | Harmful in contact with skin.                      |
| H314  | Causes severe skin burns and eye damage.           |
| H317  | May cause an allergic skin reaction.               |
| H318  | Causes serious eye damage.                         |
| H319  | Causes serious eye irritation.                     |
| H332  | Harmful if inhaled.                                |
| H361d | Suspected of damaging the unborn child.            |
| H411  | Toxic to aquatic life with long lasting effects.   |
| H412  | Harmful to aquatic life with long lasting effects. |

**Reasons for revision**

Substance and/or Product Properties Changed in Section(s) :

- 02 - Hazard Identification
- 09 - Physical and Chemical Properties
- 11 - Toxicological Information
- 15 - Regulatory Information

Revision Statement(s) Changed

**List of References:**

This Safety Data Sheet was compiled with data and information from the following sources:

- The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark.
- Joint Research Centre in Ispira, Italy.
- Regulation (EC) 1272/2008 with subsequent amendments.
- Regulation (EC) 1272/2006 with subsequent amendments.
- Commission Regulation (EU) 2020/878
- EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes"
- Safety Data Sheet from raw material supplier
- The classification declared in sec. 2.2 is based on the calculation methods set out in Annex I and Annex II of the CLP Reg. 1272/2008 on the composition of the formula.

**Acronym & Abbreviation Key:**

|     |   |
|-----|---|
| CLP | Classification, Labeling & Packaging Regulation |
| EC  | European Commission                             |
| EU  | European Union                                  |

|          |  |
|----------|--|
| US       | United States  |
| CAS      | Chemical Abstract Service  |
| EINECS   | European Inventory of Existing Chemical Substances   |
| REACH    | Registration, Evaluation, Authorization of Chemicals Regulation  |
| GHS      | Globally Harmonized System of Classification and Labeling of Chemicals   |
| LTEL     | Long term exposure limit   |
| STEL     | Short term exposure limit  |
| OEL      | Occupational exposure limit  |
| ppm      | Parts per million  |
| mg/m3    | Milligrams per cubic meter   |
| TLV      | Threshold Limit Value  |
| ACGIH    | American Conference of Governmental Industrial Hygienists  |
| OSHA     | Occupational Safety & Health Administration  |
| PEL      | Permissible Exposure Limits  |
| VOC      | Volatile organic compounds   |
| g/l      | Grams per liter  |
| mg/kg    | Milligrams per kilogram  |
| N/A      | Not applicable   |
| LD50     | Lethal dose at 50%   |
| LC50     | Lethal concentration at 50%  |
| EC50     | Half maximal effective concentration   |
| IC50     | Half maximal inhibitory concentration  |
| PBT      | Persistent bioaccumulative toxic chemical  |
| vPvB     | Very persistent and very bioaccumulative   |
| EEC      | European Economic Community  |
| ADR      | International Transport of Dangerous Goods by Road   |
| RID      | International Transport of Dangerous Goods by Rail   |
| UN       | United Nations   |
| IMDG     | International Maritime Dangerous Goods Code  |
| IATA     | International Air Transport Association  |
| MARPOL   | International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978  |
| IBC      | International Bulk Container   |
| RTI      | Respiratory Tract Irritation   |
| NE       | Narcotic Effects   |
| IMO      | International Maritime Organization  |
| Note P:  | The classification as a carcinogen or mutagen need not apply; the substance contains less than 0,1 % w/w benzene   |
| Note 10: | The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter $\leq 10 \mu\text{m}$ . |

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.