

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

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

1.1 Product identifier

Product identifier : REPH
Product name : RAPTOR ANTI-CORROSIVE EPOXY PRIMER HARDENER
Product type : Liquid.
Other means of identification : 1250012199; 1250012200
Date of issue/ Date of revision : 19 June 2025
Version : 1
Date of previous issue : No previous validation

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

Identified uses : Coating component.
Uses advised against : Not for sale to or use by consumers.

1.3 Details of the supplier of the safety data sheet

U-POL Limited
Denington Road
Wellingborough, Northamptonshire, NN8 2QH
+44 (0) 1933 230310
technicalsupport@u-pol.com
e-mail address of person responsible for this SDS : sds-competence@axalta.com
U-POL Netherlands
B.V. Hoorgoorddreef 15
Amsterdam, Netherlands 1101BA
+31 20 240 2216
technicalsupport@u-pol.com

1.4 Emergency telephone number

Supplier

Telephone number : +(44)-870-8200418

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture
Classification according to UK CLP/GHS

SECTION 2: Hazards identification

Flam. Liq. 3, H226
 Skin Irrit. 2, H315
 Eye Dam. 1, H318
 Skin Sens. 1, H317
 STOT SE 3, H335
 STOT SE 3, H336
 STOT RE 2, H373
 Aquatic Chronic 2, H411

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.

Ingredients of unknown toxicity : 3.6 percent of the mixture consists of component(s) of unknown acute dermal toxicity
 8.9 percent of the mixture consists of component(s) of unknown acute inhalation toxicity

Ingredients of unknown ecotoxicity : Contains 2.5% of components with unknown hazards to the aquatic environment

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

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

2.2 Label elements

Hazard pictograms :



Signal word : Danger

Contains : Reaction mass of ethylbenzene and xylene
 butan-1-ol
 Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine
 benzyl alcohol
 3-aminomethyl-3,5,5-trimethylcyclohexylamine
 m-phenylenebis(methylamine)

Hazard statements : H226 - Flammable liquid and vapour.
 H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H318 - Causes serious eye damage.
 H335 - May cause respiratory irritation.
 H336 - May cause drowsiness or dizziness.
 H373 - May cause damage to organs through prolonged or repeated exposure.
 H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention : P280 - Wear protective gloves. Wear eye or face protection.
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P273 - Avoid release to the environment.
 P260 - Do not breathe vapour.

Response : P305 + P351 + P338, P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Immediately call a POISON CENTER or doctor.

Storage : Not applicable.

Disposal : Not applicable.

Supplemental label elements : Not applicable.

RAPTOR ANTI-CORROSIVE EPOXY PRIMER HARDENER

SECTION 2: Hazards identification

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

2.3 Other hazards

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

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

SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

Product/ingredient name	Identifiers	%	Classification	Type
Reaction mass of ethylbenzene and xylene	REACH #: 01-2119539452-40 EC: 905-588-0	≥25 - ≤50	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412	[1]
butan-1-ol	REACH #: 01-2119484630-38 EC: 200-751-6 CAS: 71-36-3 Index: 603-004-00-6	≥25 - ≤34	Flam. Liq. 3, H226 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 STOT SE 3, H336	[1] [2]
1-methoxy-2-propanol	REACH #: 01-2119457435-35 EC: 203-539-1 CAS: 107-98-2	≥10 - ≤25	Flam. Liq. 3, H226 STOT SE 3, H336	[1] [2]
n-butyl acetate	REACH #: 01-2119485493-29 EC: 204-658-1 CAS: 123-86-4	≤10	Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	[1] [2]
Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine	EC: 606-078-8 CAS: 186321-96-0	≤10	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	[1]
benzyl alcohol	REACH #: 01-2119492630-38 EC: 202-859-9 CAS: 100-51-6 Index: 603-057-00-5	≤4.7	Acute Tox. 4, H302 Acute Tox. 4, H332 Eye Irrit. 2, H319	[1]
2,4,6-tris(dimethylaminomethyl) phenol	REACH #: 01-2119560597-27 EC: 202-013-9 CAS: 90-72-2	≤2.6	Skin Corr. 1C, H314 Eye Dam. 1, H318	[1]
3-aminomethyl-3,5,5-trimethylcyclohexylamine	REACH #: 01-2119514687-32	≤2.3	Acute Tox. 4, H302 Skin Corr. 1B, H314	[1]

SECTION 3: Composition/information on ingredients

m-phenylenebis(methylamine)	EC: 220-666-8 CAS: 2855-13-2 Index: 612-067-00-9 REACH #: 01-2119480150-50 EC: 216-032-5 CAS: 1477-55-0	<1	Eye Dam. 1, H318 Skin Sens. 1A, H317 Acute Tox. 4, H302 Acute Tox. 4, H332 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Chronic 3, H412 EUH071	[1]
Phenol, styrenated	REACH #: 01-2119979575-18 EC: 262-975-0 CAS: 61788-44-1	<1	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411 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.

Type

[1] Substance classified with a physical, health or environmental hazard

[2] Substance with a workplace exposure limit

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

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Eye contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

SECTION 4: First aid measures

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

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

Inhalation : Adverse symptoms may include the following:
respiratory tract irritation
coughing
nausea or vomiting
headache
drowsiness/fatigue
dizziness/vertigo
unconsciousness

Skin contact : Adverse symptoms may include the following:
pain or irritation
redness
blistering may occur

Ingestion : Adverse symptoms may include the following:
stomach pains

4.3 Indication of any immediate medical attention and special treatment needed

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

Specific treatments : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Recommended: alcohol-resistant foam, CO₂, powders, water spray.

Unsuitable extinguishing media : Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Hazardous combustion products : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

5.3 Advice for firefighters

Special protective actions for fire-fighters : Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.

Special protective equipment for fire-fighters : Appropriate breathing apparatus may be required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- 6.2 Environmental precautions** : Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Preferably clean with a detergent. Avoid using solvents.

- 6.4 Reference to other sections** : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

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

7.1 Precautions for safe handling

- Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits.
- In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.
- Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing and floors should be of the conducting type.
- Keep away from heat, sparks and flame. No sparking tools should be used.
- Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this mixture. Avoid inhalation of dust from sanding.
- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Put on appropriate personal protective equipment (see Section 8).
- Never use pressure to empty. Container is not a pressure vessel.
- Always keep in containers made from the same material as the original one.
- Comply with the health and safety at work laws.
- Do not allow to enter drains or watercourses.
- Information on fire and explosion protection**
- Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities

- Store in accordance with local regulations.
- Notes on joint storage**
- Keep away from: oxidising agents, strong alkalis, strong acids.
- Additional information on storage conditions**
- Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Seveso Directive - Reporting thresholds

Danger criteria		
Category	Notification and MAPP threshold	Safety report threshold
P5c	5000 tonnes	50000 tonnes
E2	200 tonnes	500 tonnes

SECTION 7: Handling and storage

7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific solutions : Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits	
butan-1-ol	EH40/2005 WELs (United Kingdom (UK), 1/2020) Absorbed through skin. STEL 15 minutes: 154 mg/m³. STEL 15 minutes: 50 ppm.
1-methoxypropan-2-ol	EH40/2005 WELs (United Kingdom (UK), 1/2020) Absorbed through skin. STEL 15 minutes: 560 mg/m³. STEL 15 minutes: 150 ppm. TWA 8 hours: 375 mg/m³. TWA 8 hours: 100 ppm.
n-butyl acetate	EH40/2005 WELs (United Kingdom (UK), 1/2020) STEL 15 minutes: 966 mg/m³. STEL 15 minutes: 200 ppm. TWA 8 hours: 724 mg/m³. TWA 8 hours: 150 ppm.

Biological exposure indices

No exposure indices known.

Recommended monitoring procedures : Reference should be made to monitoring standards, such as the following: British Standard BS EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) British Standard BS EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) British Standard BS EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs	
Product/ingredient name	Result
Reaction mass of ethylbenzene and xylene	DNEL - Workers - Long term - Dermal 212 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Inhalation 221 mg/m³ <u>Effects</u> : Systemic
	DNEL - General population - Long term - Oral 1.5625 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Long term - Dermal 3.125 mg/kg bw/day <u>Effects</u> : Systemic
butan-1-ol	DNEL - General population - Long term - Inhalation 55.357 mg/m³ <u>Effects</u> : Systemic
	DNEL - General population - Long term - Inhalation

SECTION 8: Exposure controls/personal protection

	155 mg/m³ Effects: Local
	DNEL - Workers - Long term - Inhalation 310 mg/m³ Effects: Local
1-methoxypropan-2-ol	DNEL - General population - Long term - Oral 33 mg/kg bw/day Effects: Systemic
	DNEL - General population - Long term - Inhalation 43.9 mg/m³ Effects: Systemic
	DNEL - General population - Long term - Dermal 78 mg/kg bw/day Effects: Systemic
	DNEL - Workers - Long term - Dermal 183 mg/kg bw/day Effects: Systemic
	DNEL - Workers - Long term - Inhalation 369 mg/m³ Effects: Systemic
	DNEL - Workers - Short term - Inhalation 553.5 mg/m³ Effects: Local
	DNEL - Workers - Short term - Inhalation 553.5 mg/m³ Effects: Systemic
n-butyl acetate	DNEL - Workers - Short term - Dermal 11 mg/kg bw/day Effects: Systemic
	DNEL - General population - Long term - Oral 2 mg/kg bw/day Effects: Systemic
	DNEL - General population - Short term - Oral 2 mg/kg bw/day Effects: Systemic
	DNEL - General population - Long term - Dermal 3.4 mg/kg bw/day Effects: Systemic
	DNEL - General population - Short term - Dermal 6 mg/kg bw/day Effects: Systemic
	DNEL - Workers - Short term - Dermal 11 mg/kg bw/day Effects: Systemic
	DNEL - General population - Long term - Inhalation 12 mg/m³ Effects: Systemic

SECTION 8: Exposure controls/personal protection

	<div><div>DNEL - General population - Long term - Inhalation 35.7 mg/m³ <u>Effects</u>: Local</div><div>DNEL - General population - Short term - Inhalation 300 mg/m³ <u>Effects</u>: Local</div><div>DNEL - General population - Short term - Inhalation 300 mg/m³ <u>Effects</u>: Systemic</div><div>DNEL - Workers - Long term - Inhalation 300 mg/m³ <u>Effects</u>: Local</div><div>DNEL - Workers - Short term - Inhalation 600 mg/m³ <u>Effects</u>: Local</div><div>DNEL - Workers - Short term - Inhalation 600 mg/m³ <u>Effects</u>: Systemic</div><div>DNEL - Workers - Long term - Inhalation 300 mg/m³ <u>Effects</u>: Systemic</div></div>
Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine	<div><div>DNEL - General population - Long term - Oral 0.5 mg/kg bw/day <u>Effects</u>: Systemic</div><div>DNEL - General population - Long term - Dermal 0.5 mg/kg bw/day <u>Effects</u>: Systemic</div><div>DNEL - Workers - Long term - Dermal 1 mg/kg bw/day <u>Effects</u>: Systemic</div><div>DNEL - General population - Long term - Inhalation 1.74 mg/m³ <u>Effects</u>: Systemic</div><div>DNEL - Workers - Long term - Inhalation 7.05 mg/m³ <u>Effects</u>: Systemic</div></div>
benzyl alcohol	<div><div>DNEL - General population - Long term - Oral 4 mg/kg bw/day <u>Effects</u>: Systemic</div><div>DNEL - General population - Long term - Dermal 4 mg/kg bw/day <u>Effects</u>: Systemic</div><div>DNEL - General population - Long term - Inhalation 5.4 mg/m³ <u>Effects</u>: Systemic</div><div>DNEL - Workers - Long term - Dermal 8 mg/kg bw/day <u>Effects</u>: Systemic</div></div>

SECTION 8: Exposure controls/personal protection

	DNEL - General population - Short term - Oral 20 mg/kg bw/day <u>Effects:</u> Systemic
	DNEL - General population - Short term - Dermal 20 mg/kg bw/day <u>Effects:</u> Systemic
	DNEL - Workers - Long term - Inhalation 22 mg/m³ <u>Effects:</u> Systemic
	DNEL - General population - Short term - Inhalation 27 mg/m³ <u>Effects:</u> Systemic
	DNEL - Workers - Short term - Dermal 40 mg/kg bw/day <u>Effects:</u> Systemic
	DNEL - Workers - Short term - Inhalation 110 mg/m³ <u>Effects:</u> Systemic
2,4,6-tris(dimethylaminomethyl)phenol	DNEL - General population - Long term - Oral 0.075 mg/kg bw/day <u>Effects:</u> Systemic
	DNEL - General population - Short term - Dermal 0.075 mg/kg bw/day <u>Effects:</u> Systemic
	DNEL - General population - Long term - Dermal 0.075 mg/kg bw/day <u>Effects:</u> Systemic
	DNEL - General population - Short term - Inhalation 0.13 mg/m³ <u>Effects:</u> Systemic
	DNEL - General population - Long term - Inhalation 0.13 mg/m³ <u>Effects:</u> Systemic
	DNEL - Workers - Long term - Dermal 0.15 mg/kg bw/day <u>Effects:</u> Systemic
	DNEL - Workers - Long term - Inhalation 0.53 mg/m³ <u>Effects:</u> Systemic
	DNEL - Workers - Short term - Dermal 0.6 mg/kg bw/day <u>Effects:</u> Systemic
	DNEL - Workers - Short term - Inhalation 2.1 mg/m³ <u>Effects:</u> Systemic
3-aminomethyl- 3,5,5-trimethylcyclohexylamine	DNEL - Workers - Short term - Inhalation 0.073 mg/m³ <u>Effects:</u> Local

SECTION 8: Exposure controls/personal protection

	<p>DNEL - Workers - Long term - Inhalation 0.073 mg/m³ <u>Effects</u>: Local</p> <p>DNEL - General population - Long term - Oral 0.3 mg/kg bw/day <u>Effects</u>: Systemic</p> <p>DNEL - General population - Short term - Oral 0.3 mg/kg bw/day <u>Effects</u>: Systemic</p>
m-phenylenebis(methylamine)	<p>DNEL - Workers - Long term - Inhalation 0.21 ppm <u>Effects</u>: Systemic</p> <p>DNEL - Workers - Long term - Inhalation 0.2 mg/m³ <u>Effects</u>: Local</p> <p>DNEL - Workers - Long term - Dermal 0.33 mg/kg bw/day <u>Effects</u>: Systemic</p> <p>DNEL - Workers - Long term - Inhalation 1.2 mg/m³ <u>Effects</u>: Systemic</p>
Phenol, styrenated	<p>DNEL - General population - Long term - Oral 0.75 mg/kg bw/day <u>Effects</u>: Systemic</p> <p>DNEL - General population - Long term - Dermal 0.75 mg/kg bw/day <u>Effects</u>: Systemic</p> <p>DNEL - General population - Long term - Inhalation 1.31 mg/m³ <u>Effects</u>: Systemic</p> <p>DNEL - Workers - Long term - Dermal 2.1 mg/kg bw/day <u>Effects</u>: Systemic</p> <p>DNEL - Workers - Long term - Inhalation 7.4 mg/m³ <u>Effects</u>: Systemic</p>
<u>PNECs</u>	
Product/ingredient name Reaction mass of ethylbenzene and xylene	<p>Result</p> <p>Fresh water 0.327 mg/l</p> <p>Marine water 0.327 mg/l</p> <p>Sewage Treatment Plant 6.58 mg/l</p> <p>Fresh water sediment 12.46 mg/kg dwt</p>

SECTION 8: Exposure controls/personal protection

butan-1-ol	Marine water sediment 12.46 mg/kg dwt
	Soil 2.31 mg/kg
	Fresh water 0.082 mg/l
	Marine water 0.0082 mg/l
	Fresh water sediment 0.324 mg/kg dwt
	Marine water sediment 0.0324 mg/kg dwt
1-methoxypropan-2-ol	Soil 0.017 mg/kg dwt
	Sewage Treatment Plant 2476 mg/l
	Marine water 1 mg/l
	Fresh water 10 mg/l
	Fresh water sediment 52.3 mg/kg
	Marine water sediment 5.2 mg/kg
n-butyl acetate	Sewage Treatment Plant 100 mg/l
	Soil 4.59 mg/kg
	Soil 0.09 mg/kg
	Fresh water 0.18 mg/l
	Sewage Treatment Plant 35.6 mg/l
	Marine water 0.018 mg/l
benzyl alcohol	Fresh water sediment 0.981 mg/kg
	Marine water sediment 0.098 mg/kg
	Fresh water 1 mg/l
	Marine water - Assessment Factors

SECTION 8: Exposure controls/personal protection

	0.1 mg/l
	Sewage Treatment Plant
	39 mg/l
	Fresh water sediment
	5.27 mg/kg
	Marine water sediment
	0.527 mg/kg
	Soil
	0.456 mg/kg
3-aminomethyl- 3,5,5-trimethylcyclohexylamine	Fresh water
	0.06 mg/l
	Marine water sediment
	0.578 mg/kg
	Marine water
	0.006 mg/l
	Sewage Treatment Plant
	3.18 mg/l
	Soil
	1.121 mg/kg
	Fresh water sediment
	5.784 mg/kg

8.2 Exposure controls

Appropriate engineering controls : Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Use safety eyewear designed to protect against splash of liquids.

Skin protection

Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

SECTION 8: Exposure controls/personal protection

Gloves	: Duration / breakthrough time: <1 hour, Glove material: NBR, nitrile rubber, material thickness as splash protection: at least 0.2 mm, (EN374) Glove material: NBR, nitrile rubber Material thickness for short-term contact: at least 0.5 mm, (EN374) The recommendation for the type or types of glove to use when handling this product is based on information from the following source: Expert judgment 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	: Personnel should wear antistatic clothing made of natural fibres or of high-temperature-resistant synthetic fibres.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.
Environmental exposure controls	: Do not allow to enter drains or watercourses.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties**Appearance**

Physical state	: Liquid.
Colour	: Transparent.
Odour	: Not available.
Odour threshold	: Not available.
Melting point/freezing point	: Technically not possible to measure
Initial boiling point and boiling range	: 117 to 142°C (242.6 to 287.6°F)
Flammability (solid, gas)	: Not available.
Upper/lower flammability or explosive limits	: Lower: 1% : Upper: 13.7% : Not available.
Flash point	: Closed cup: 24°C (75.2°F)
Auto-ignition temperature	: 270°C (518°F)
Decomposition temperature	: Not applicable.
pH	: Not applicable.
Viscosity	: Dynamic (room temperature): Not available. : Kinematic (room temperature): Not available. : Kinematic (40°C): Not available.
Solubility in water	: Not available.
Miscible with water	: Yes.
Partition coefficient: n-octanol/water	: Not applicable.
Vapour pressure	: 0.89 kPa (6.7 mm Hg)
Relative density	: Not available.
Density	: 0.879 g/cm ³
Vapour density	: Not available.

SECTION 9: Physical and chemical properties

Explosive properties	: Not available.	
Oxidising properties	: Not available.	
Weight volatiles	: 87.6 % (w/w)	
VOC content	: 84 % (w/w)	(2010/75/EU)

9.2 Other information

9.2.1 Information with regard to physical hazard classes

Further information Not available.

9.2.2 Other safety characteristics

Miscible with water : Yes.

Further information Not available.

room temperature (=20°C)

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	: Stable under recommended storage and handling conditions (see Section 7).
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products.
10.5 Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
10.6 Hazardous decomposition products	: Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result
Reaction mass of ethylbenzene and xylene	Rat - Oral - LD50 3523 to 4000 mg/kg
	Rabbit - Dermal - LD50 121236 mg/kg
	Rat - Inhalation - LC50 Vapour 6350 to 6700 ppm [4 hours]
butan-1-ol	Rat - Oral - LD50 790 mg/kg <u>Toxic effects:</u> Liver - Fatty liver degeneration Kidney, Ureter, and Bladder - Other changes Blood - Other changes
	Rabbit - Dermal - LD50

SECTION 11: Toxicological information

3400 mg/kg

Rat - Inhalation - LC50 Vapour24000 mg/m³ [4 hours]

1-methoxypropan-2-ol

Rabbit - Dermal - LD50

13 g/kg

Rat - Oral - LD50

6600 mg/kg

Toxic effects: Brain and Coverings - Other degenerative changes Behavioral - General anesthetic Lung, Thorax, or Respiration - Dyspnea

n-butyl acetate

Rat - Oral - LD50

10768 mg/kg

Toxic effects: Behavioral - Somnolence (general depressed activity) Lung, Thorax, or Respiration - Other changes Liver - Other changes**Rabbit - Dermal - LD50**

>17600 mg/kg

Rat - Inhalation - LC50 Vapour

21.1 mg/l [4 hours]

benzyl alcohol

Rat - Oral - LD50

1230 mg/kg

Toxic effects: Behavioral - Somnolence (general depressed activity) Behavioral - Excitement Behavioral - Coma**Rat - Male - Inhalation - LC50 Dusts and mists**4178 mg/m³ [4 hours]

2,4,6-tris(dimethylaminomethyl)phenol

Rat - Oral - LD50

1200 mg/kg

Toxic effects: Peripheral Nerve and Sensation - Flaccid paralysis without anesthesia (usually neuromuscular blockage) Lung, Thorax, or Respiration - Dyspnea**Rat - Dermal - LD50**

1280 mg/kg

3-aminomethyl-
3,5,5-trimethylcyclohexylamine**Rat - Male - Oral - LD50**

1030 mg/kg

OECD [Acute Oral Toxicity]

m-phenylenebis(methylamine)

Rat - Oral - LD50

930 mg/kg

Rabbit - Dermal - LD50

2 g/kg

Rat - Inhalation - LC50 Dusts and mists

1.34 mg/l [4 hours]

Phenol, styrenated

Rabbit - Dermal - LD50

>5010 mg/kg

Toxic effects: Gastrointestinal - Gastritis Liver - Other changes Kidney, Ureter, and Bladder - Other changes**Rat - Oral - LD50**

2500 mg/kg

SECTION 11: Toxicological information

Conclusion/Summary [Product] : Not available.

Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
mixture	2653.8	3005.5	N/A	30.1	116.1
Reaction mass of ethylbenzene and xylene	N/A	1100	N/A	11	N/A
butan-1-ol	790	3400	N/A	24	N/A
1-methoxypropan-2-ol	6600	13000	N/A	N/A	N/A
n-butyl acetate	10768	N/A	N/A	21.1	N/A
benzyl alcohol	1230	N/A	N/A	N/A	4.178
3-aminomethyl-3,5,5-trimethylcyclohexylamine	1030	N/A	N/A	N/A	N/A
m-phenylenebis(methylamine)	930	N/A	N/A	N/A	1.34
Phenol, styrenated	2500	N/A	N/A	N/A	N/A

Skin corrosion/irritation

Product/ingredient name	Result
butan-1-ol	Rabbit - Skin - Moderate irritant <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 20 mg
1-methoxypropan-2-ol	Rabbit - Skin - Mild irritant <u>Amount/concentration applied:</u> 500 mg
2,4,6-tris(dimethylaminomethyl)phenol	Rat - Skin - Mild irritant <u>Amount/concentration applied:</u> 0.025 MI Rat - Skin - Severe irritant <u>Amount/concentration applied:</u> 0.25 MI Rabbit - Skin - Severe irritant <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 2 mg Rabbit - Skin - Severe irritant <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 500 uL
m-phenylenebis(methylamine)	Rabbit - Skin - Severe irritant <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 750 ug
Phenol, styrenated	Rabbit - Skin - Mild irritant <u>Amount/concentration applied:</u> 0.5 MI

Conclusion/Summary [Product] : Not available.

Serious eye damage/eye irritation

Product/ingredient name	Result
butan-1-ol	Rabbit - Eyes - Severe irritant <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 2 mg Rabbit - Eyes - Severe irritant <u>Amount/concentration applied:</u> 0.005 MI Rabbit - Eyes - Severe irritant

SECTION 11: Toxicological information

Amount/concentration applied: 1.62 mg

Rabbit - Eyes - Cornea opacity

OECD [Acute Eye Irritation/Corrosion]

Observation period: 7 days

Irritation score: 2.11

Not reversible

benzyl alcohol

Rabbit - Eyes - Moderate irritant

OECD TG 405

Duration of treatment/exposure: 24 hours

Observation period: 21 days

Fully reversible in more than 7 days

2,4,6-tris(dimethylaminomethyl)phenol

Rabbit - Eyes - Severe irritant

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 50 ug

m-phenylenebis(methylamine)

Rabbit - Eyes - Severe irritant

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 50 ug

Conclusion/Summary [Product] : Not available.

Respiratory corrosion/irritation

Not available.

Conclusion/Summary [Product] : Not available.

Respiratory or skin sensitization

Not available.

Skin

Conclusion/Summary [Product] : Not available.

Respiratory

Conclusion/Summary [Product] : Not available.

Germ cell mutagenicity

Not available.

Conclusion/Summary [Product] : Not available.

Carcinogenicity

Not available.

Conclusion/Summary [Product] : Not available.

Reproductive toxicity

Not available.

Conclusion/Summary [Product] : Not available.

SECTION 11: Toxicological information**Specific target organ toxicity (single exposure)****Product/ingredient name**Reaction mass of ethylbenzene and xylene
butan-1-ol

1-methoxypropan-2-ol

n-butyl acetate

Result

STOT SE 3, H335 (Respiratory tract irritation)

STOT SE 3, H335 (Respiratory tract irritation)

STOT SE 3, H336 (Narcotic effects)

STOT SE 3, H336 (Narcotic effects)

STOT SE 3, H336 (Narcotic effects)

Specific target organ toxicity (repeated exposure)**Product/ingredient name**

Reaction mass of ethylbenzene and xylene

Result

STOT RE 2, H373

Aspiration hazard**Product/ingredient name**

Reaction mass of ethylbenzene and xylene

Result

ASPIRATION HAZARD - Category 1

Information on likely routes of exposure

Not available.

Potential acute health effects**Eye contact**

: Causes serious eye damage.

Inhalation

: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.

Skin contact

: Causes skin irritation. May cause an allergic skin reaction.

Ingestion

: Can cause central nervous system (CNS) depression.

Symptoms related to the physical, chemical and toxicological characteristics**Eye contact**: Adverse symptoms may include the following:
pain
watering
redness**Inhalation**: Adverse symptoms may include the following:
respiratory tract irritation
coughing
nausea or vomiting
headache
drowsiness/fatigue
dizziness/vertigo
unconsciousness**Skin contact**: Adverse symptoms may include the following:
pain or irritation
redness
blistering may occur**Ingestion**: Adverse symptoms may include the following:
stomach pains**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Short term exposure****Potential immediate effects**

: Not available.

Potential delayed effects

: Not available.

Long term exposure**Potential immediate effects**

: Not available.

Potential delayed effects

: Not available.

SECTION 11: Toxicological information

Potential chronic health effects

Not available.

Conclusion/Summary [Product] : Not available.

General	: May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
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	
Product/ingredient name	Result
Reaction mass of ethylbenzene and xylene	Acute - LC50
	OECD 203
	Fish - Trout - <i>Oncorhynchus mykiss</i>
	2.6 mg/l [96 hours]
	Acute - LC50
	OECD 202
	Daphnia - Daphnia - <i>Daphnia magna</i>
	1 mg/l [24 hours]
	Acute - EC50
	OECD 201
	Algae - Algae - <i>Selenastrum capricornutum</i>
	2.2 mg/l [73 hours]
	Chronic - NOEC
	OECD 301F
	Micro-organism - Activated sludge - <i>Activated sludge</i>
	16 mg/l [28 days]
butan-1-ol	Acute - LC50 - Fresh water
	Fish - Fathead minnow - <i>Pimephales promelas</i>
	<u>Age</u> : 33 days; <u>Size</u> : 20.6 mm; <u>Weight</u> : 0.119 g
	1730 mg/l [96 hours]
	<u>Effect</u> : Mortality
	Acute - EC50 - Fresh water
	Daphnia - Water flea - <i>Daphnia magna</i>
	<u>Age</u> : 6 to 24 hours
	1983 mg/l [48 hours]
	<u>Effect</u> : Intoxication
1-methoxypropan-2-ol	Acute - LC50
	OECD 203
	Fish - Trout
	≥1000 mg/l [96 hours]
	Acute - LC50
	OECD 202
	Daphnia - Daphnia
	>21100 mg/l [48 hours]
n-butyl acetate	Acute - LC50 - Marine water

SECTION 12: Ecological information

	Fish - Inland silverside - <i>Menidia beryllina</i> 185 ppm [96 hours] Effect: Mortality
Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine	EC50 Daphnia 0.705 mg/l [48 hours] LC50 Fish 1.8 mg/l [96 hours]
benzyl alcohol	Acute - LC50 - Fresh water Fish - Fathead minnow - <i>Pimephales promelas</i> - Juvenile (Fledgling, Hatchling, Weanling) Age: 4 to 8 weeks; Size: 1.1 to 3.1 cm 460 mg/l [96 hours] Effect: Mortality
3-aminomethyl-3,5,5-trimethylcyclohexylamine	Acute - LC50 Fish 110 mg/l [96 hours]

Conclusion/Summary [Product] : Not available.

12.2 Persistence and degradability

Product/ingredient name	Result
1-methoxypropan-2-ol	OECD 301E 96% [28 days]
benzyl alcohol	OECD [Ready Biodegradability - Modified MITI Test (I)] 92 to 96% [14 days] - Readily

Conclusion/Summary [Product] : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
1-methoxypropan-2-ol	-	-	Readily
benzyl alcohol	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Reaction mass of ethylbenzene and xylene	3.16	-	Low
butan-1-ol	1	-	Low
1-methoxypropan-2-ol	<1	-	Low
n-butyl acetate	2.3	-	Low
benzyl alcohol	0.87	-	Low
2,4,6-tris (dimethylaminomethyl) phenol	0.219	-	Low
3-aminomethyl-3,5,5-trimethylcyclohexylamine	0.99	-	Low

SECTION 12: Ecological information

m-phenylenebis (methylamine)	0.18	2.69	Low
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12.4 Mobility in soil

Soil/water partition coefficient : Not available.

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
Reaction mass of ethylbenzene and xylene butan-1-ol	N/A	N/A	N/A	Yes	N/A	N/A	N/A
1-methoxypropan-2-ol	No	N/A	N/A	No	N/A	N/A	N/A
n-butyl acetate	No	N/A	N/A	No	N/A	N/A	N/A
Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine	No	N/A	N/A	No	N/A	N/A	N/A
benzyl alcohol	No	N/A	N/A	No	N/A	N/A	N/A
2,4,6-tris (dimethylaminomethyl) phenol	No	N/A	N/A	No	N/A	N/A	N/A
3-aminomethyl-3,5,5-trimethylcyclohexylamine	No	N/A	N/A	No	N/A	N/A	N/A
m-phenylenebis (methylamine)	No	N/A	No	No	No	N/A	No
Phenol, styrenated	No	N/A	N/A	No	N/A	N/A	N/A

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

SECTION 13: Disposal considerations

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

13.1 Waste treatment methods**Product**

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

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

Packaging





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

Type of packaging	Waste catalogue
	15 01 10* packaging containing residues of or contaminated by hazardous substances

SECTION 13: Disposal considerations

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. Vapour 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 spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	UN1263	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
14.3 Transport hazard class(es)	3 	3 	3 	3 
14.4 Packing group	III	III	III	III
14.5 Environmental hazards	Yes.	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.

Additional information

ADR/RID : The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.
Tunnel code (D/E)

ADN : The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.

IMDG : The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.

IATA : The environmentally hazardous substance mark may appear if required by other transportation regulations.

14.6 Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to IMO instruments : Not available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
UK (GB)/REACH

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

None of the components are listed.

Substances of very high concern

None of the components are listed.

SECTION 15: Regulatory information

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable.

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria**Category**

P5c
E2

National regulations

Product/ingredient name	List name	Name on list	Classification	Notes

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

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

15.2 Chemical safety assessment : This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms :

- ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
- ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE = Acute Toxicity Estimate
- GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 No. 720 and amendments
- DMEL = Derived Minimal Effect Level
- DNEL = Derived No Effect Level
- EUH statement = GB CLP-specific Hazard statement
- IATA = International Air Transport Association
- IMDG = International Maritime Dangerous Goods
- IMO = International Maritime Organization
- N/A = Not available
- PBT = Persistent, Bioaccumulative and Toxic
- PNEC = Predicted No Effect Concentration
- RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
- RRN = REACH Registration Number
- SGG = Segregation Group
- vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification

SECTION 16: Other information

Classification	Justification
Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335 STOT SE 3, H336 STOT RE 2, H373 Aquatic Chronic 2, H411	On basis of test data Calculation method Calculation method Calculation method Calculation method Calculation method Calculation method Calculation method

Full text of abbreviated H statements

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH071	Corrosive to the respiratory tract.

Full text of classifications

Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Corr. 1C	SKIN CORROSION/IRRITATION - Category 1C
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

Date of issue/ Date of revision : 6/19/2025

Version : 1

Date of previous issue : No previous validation

Notice to reader

SECTION 16: Other information

This product is intended for industrial use only.

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