SAFETY DATA SHEET

Date of issue/Date of revision : 23

: 23 April 2024

PPG

: 2

Version

SECTION 1: Identification of the substance/mixture and of the company/ undertaking **1.1 Product identifier Product name** : SIGMASHIELD 880 BASE (TINTED) **Product code** : 000001189747 Other means of identification 00446817; 00446822; 00471704; 00471708 1.2 Relevant identified uses of the substance or mixture and uses advised against **Product use** : Professional applications, Used by spraying. Use of the substance/ : Coating. mixture **Uses advised against** : Product is not intended, labelled or packaged for consumer use. 1.3 Details of the supplier of the safety data sheet PPG Coatings Belgium BV/SRL Tweemontstraat 104 B-2100 Deurne Belgium Telephone +32-33606311 Fax +32-33606435 e-mail address of person : Product.Stewardship.EMEA@ppg.com responsible for this SDS 1.4 Emergency telephone number Supplier +31 20 4075210 **SECTION 2: Hazards identification** 2.1 Classification of the substance or mixture : Mixture Product definition Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319

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.

English (GB)

Skin Sens. 1, H317 Aquatic Chronic 3, H412

Europe

Code : 00000118974 SIGMASHIELD 880 BASE (TI	Date of issue/Date of revision : 23 April 2024 TED)
SECTION 2: Hazards	identification
2.2 Label elements	
Hazard pictograms	
Signal word	: Warning
Hazard statements	 Flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.
Precautionary statements	
Prevention	: Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release the environment. Avoid breathing vapour.
Response	: Take off contaminated clothing and wash it before reuse.
Storage	: Not applicable.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
I have a start of the second start of the	P280, P210, P273, P261, P362 + P364, P501
Hazardous ingredients	 Jøs-[4-(2,3-epoxipropoxi)phenyl]propane Epoxy Resin (700<mw<=1100)< li=""> Phenol, methylstyrenated oxirane, mono[(C12-14-alkyloxy)methyl] derivs. </mw<=1100)<>
Supplemental label elements	: Contains epoxy constituents. May produce an allergic reaction.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.
Special packaging requiren	ents
Containers to be fitted with child-resistant fastenings	: Not applicable.
Tactile warning of danger	: Not applicable.
2.3 Other hazards	
Product meets the criteria for PBT or vPvB	: This mixture contains substances that are assessed to be a PBT or a vPvB, refer to Section 3.2.
Other hazards which do not result in classification	: Prolonged or repeated contact may dry skin and cause irritation.

not result in classification

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SECTION 3: Composition/information on ingredients

3.2 Mixtures	: Mixture	1			1
Product/ingredient name	Identifiers	% by weight	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
pís-[4-(2,3-epoxipropoxi) phenyl]propane	REACH #: 01-2119456619-26 EC: 216-823-5 CAS: 1675-54-3 Index: 603-073-00-2	≥10 - <25	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411	Skin Irrit. 2, H315: C ≥ 5% Eye Irrit. 2, H319: C ≥ 5%	[1]
xylene	REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7	≥5.0 - ≤10	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 3, H412	ATE [Dermal] = 1700 mg/kg ATE [Inhalation (vapours)] = 11 mg/l	[1] [2]
Epoxy Resin (700 <mw <=1100)</mw 	CAS: 25036-25-3	≥1.0 - ≤5.0	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317	-	[1]
Phenol, methylstyrenated	REACH #: 01-2119555274-38 EC: 270-966-8 CAS: 68512-30-1	≥1.0 - ≤5.0	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412	-	[1] [3]
2-methylpropan-1-ol	REACH #: 01-2119484609-23 EC: 201-148-0 CAS: 78-83-1 Index: 603-108-00-1	≥1.0 - <3.0	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 STOT SE 3, H336	-	[1] [2]
2-methoxy-1-methylethyl acetate	REACH #: 01-2119475791-29 EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	≥1.0 - ≤5.0	Flam. Liq. 3, H226 STOT SE 3, H336	-	[1] [2]
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	REACH #: 01-2119485289-22 EC: 271-846-8 CAS: 68609-97-2 Index: 603-103-00-4	≥1.0 - ≤5.0	Skin Irrit. 2, H315 Skin Sens. 1, H317	-	[1]
12-hydroxyoctadecanoic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamine	REACH #: 01-0000017900-73 EC: 432-840-2 CAS: 220926-97-6 Index: 616-201-00-7	≥1.0 - ≤5.0	Acute Tox. 4, H332 STOT RE 2, H373 (lungs) (inhalation) Aquatic Chronic 4, H413	ATE [Inhalation (dusts and mists)] = 3.56 mg/l	[1] [2]
ethylbenzene	REACH #: 01-2119489370-35 EC: 202-849-4 CAS: 100-41-4	≥1.0 - ≤5.0	Flam. Liq. 2, H225 Acute Tox. 4, H332 STOT RE 2, H373 (hearing organs)	ATE [Inhalation (vapours)] = 17.8 mg/l	[1] [2]
English (GB)		<u>.</u>	Europe	<u> </u>	3/19

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SECTION 3: Composition/information on ingredients

Index: 601-023-00-4	Asp. Tox. 1, H304 Aquatic Chronic 3, H412 See Section 16 for the full text of the H statements declared
	above.

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.

<u>Type</u>

Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

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

SUB codes represent substances without registered CAS Numbers.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact	: Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
Inhalation	: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Skin contact	: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
Ingestion	: If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
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 gloves.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects	
Eye contact	: Causes serious eye irritation.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
Over-exposure signs/sympto	<u>ms</u>
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking
Ingestion	: No specific data.

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SECTION 4: First aid	
4.3 Indication of any immedi	ate 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: Firefigh	ting measures
5.1 Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO ₂ , 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 vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	 Decomposition products may include the following materials: carbon oxides nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides
5.3 Advice for firefighters	
Special precautions 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 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 Europea 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 personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For 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	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

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SECTION 6: Accidental release measures

6.3 Methods and material for containment and cleaning up

Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.
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

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 vapour or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
7.2 Conditions for safe storage, including any incompatibilities	: Store between the following temperatures: 0 to 35°C (32 to 95°F). 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 oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

See Section 1.2 for Identified uses.

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SECTION 8: Exposure controls/personal protection

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).

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
xylene	EU OEL (Europe, 1/2022). [xylene, mixed isomers pure]
	Absorbed through skin.
	STEL: 442 mg/m ³ 15 minutes.
	STEL: 100 ppm 15 minutes.
	TWA: 221 mg/m ³ 8 hours.
	TWA: 50 ppm 8 hours.
2-methylpropan-1-ol	ACGIH TLV (United States, 1/2023).
	TWA: 152 mg/m ³ 8 hours.
	TWA: 50 ppm 8 hours.
2-methoxy-1-methylethyl acetate	EU OEL (Europe, 1/2022). Absorbed through skin.
	STEL: 550 mg/m ³ 15 minutes.
	STEL: 100 ppm 15 minutes.
	TWA: 275 mg/m ³ 8 hours.
	TWA: 50 ppm 8 hours.
12-hydroxyoctadecanoic acid, reaction products	ACGIH TLV (United States).
with 1,3-benzenedimethanamine and	TWA: 10 mg/m ³ Form: Inhalable particle
hexamethylenediamine	TWA: 3 mg/m ³ , (inhalable dust) Form: Respirable particle
ethylbenzene	EU OEL (Europe, 1/2022). Absorbed through skin.
	STEL: 884 mg/m ³ 15 minutes.
	STEL: 200 ppm 15 minutes.
	TWA: 442 mg/m ³ 8 hours.
	TWA: 100 ppm 8 hours.

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

DNELs

Product/ingredient name	Туре	Exposure	Value	Population	Effects
pís-[4-(2,3-epoxipropoxi) phenyl]propane	DNEL	Long term Inhalation	12.25 mg/m ³	Workers	Systemic
	DNEL	Short term Inhalation	12.25 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	8.33 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Dermal	8.33 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Dermal	3.571 mg/kg bw/day	General population [Consumers]	Systemic
	DNEL	Short term Dermal	3.571 mg/kg bw/day	General population [Consumers]	Systemic
	DNEL	Long term Oral	0.75 mg/kg bw/day	General population [Consumers]	Systemic
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SECTION 8: Exposure controls/personal protection

	-				
	DNEL	Short term Oral	0.75 mg/kg bw/day	General	Systemic
				population	
				[Consumers]	
	DNEL	Long term Dermal	89.3 µg/kg bw/day	General population	Systemic
	DNEL	Long term Oral	0.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.75 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.87 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	4.93 mg/m ³	Workers	Systemic
xylene	DNEL	Long term Oral	12.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	65.3 mg/m ³	General population	Local
	DNEL	Long term Inhalation	65.3 mg/m ³	General population	Systemic
	DNEL	Long term Dermal	125 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	212 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	221 mg/m ³	Workers	Local
	DNEL	Long term Inhalation	221 mg/m ³	Workers	Systemic
	DNEL	Short term Inhalation	260 mg/m ³	General population	Local
	DNEL	Short term Inhalation	260 mg/m ³	General population	Systemic
	DNEL	Short term Inhalation	442 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	442 mg/m ³	Workers	Systemic
Phenol, methylstyrenated	DNEL	Long term Oral	0.2 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	0.348 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	1.41 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	1.67 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	3.5 mg/kg bw/day	Workers	Systemic
2-methylpropan-1-ol	DNEL	Long term Inhalation	55 mg/m ³	General population	Local
O meeth ever 1 meeth dethud	DNEL	Long term Inhalation	310 mg/m ³	Workers	Local
2-methoxy-1-methylethyl	DNEL	Long term Inhalation	33 mg/m³	General population	Local
acetate	DNEL	Long term inhelation	$22 m a/m^3$	Conorol nonulation	Svetemie
	DNEL	Long term Inhalation Long term Oral	33 mg/m ³	General population	Systemic Systemic
	DNEL	Long term Inhalation	36 mg/kg bw/day 275 mg/m³	General population Workers	Systemic Systemic
	DNEL	Long term Dermal	320 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	550 mg/m ³	Workers	Local
	DNEL	Long term Dermal	796 mg/kg bw/day	Workers	Systemic
oxirane, mono[DNEL	Long term Oral	0.5 mg/kg bw/day	General population	Systemic
(C12-14-alkyloxy)methyl]	DINEL		0.0 mg/kg bw/day		Oysternie
derivs.					
	DNEL	Long term Dermal	0.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	0.87 mg/m ³	General population	
	DNEL	Long term Dermal	1 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	3.6 mg/m ³	Workers	Systemic
12-hydroxyoctadecanoic acid,	DNEL	Long term Inhalation	82.5 µg/m ³	General population	Local
reaction products with		5		- 11	
1,3-benzenedimethanamine					
and hexamethylenediamine					
	DNEL	Long term Inhalation	332 µg/m³	Workers	Local
	DNEL	Short term Inhalation	25.7 mg/m ³	General population	Local
	DNEL	Short term Inhalation	51.3 mg/m ³	Workers	Local
ethylbenzene	DMEL	Long term Inhalation	442 mg/m ³	Workers	Local
	DMEL	Short term Inhalation	884 mg/m ³	Workers	Systemic
	DNEL	Long term Oral	1.6 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	15 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	77 mg/m³	Workers	Systemic
	DNEL	Long term Dermal	180 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	293 mg/m³	Workers	Local
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English (GB)	Europe	8/19

Conforms to Regulation	(EC) No. 1907/2006	(REACH), Annex II, a	as amended by Co	mmission Regulation	n (EU)
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SECTION 8: Exposure controls/personal protection

Product/ingredient name	Туре	Compartment Detail	Value	Method Detail
bis-[4-(2,3-epoxipropoxi)phenyl] propane	-	Fresh water	0.006 mg/l	Assessment Factors
	-	Marine water	0.001 mg/l	Assessment Factors
	-	Fresh water sediment	0.996 mg/kg dwt	Equilibrium Partitioning
	-	Marine water sediment	0.1 mg/kg dwt	Equilibrium Partitioning
	-	Soil	0.196 mg/kg dwt	Equilibrium Partitioning
	-	Sewage Treatment Plant	10 mg/l	Assessment Factors
	-	Secondary Poisoning	11 mg/kg	Assessment Factors
xylene	-	Fresh water	0.327 mg/l	-
	-	Marine water	0.327 mg/l	-
	-	Sewage Treatment Plant	6.58 mg/l	-
	-	Fresh water sediment	12.46 mg/kg dwt	-
	-	Marine water sediment	12.46 mg/kg dwt	-
	-	Soil	2.31 mg/kg	-
2-methylpropan-1-ol	-	Fresh water	0.4 mg/l	Assessment Factors
	-	Marine water	0.04 mg/l	Assessment Factors
	-	Sewage Treatment Plant	10 mg/l	Assessment Factors
	-	Fresh water sediment	1.56 mg/kg dwt	Equilibrium Partitioning
	-	Marine water sediment	0.156 mg/kg dwt	-
	-	Soil	0.076 mg/kg dwt	Equilibrium Partitioning
2-methoxy-1-methylethyl acetate	-	Fresh water	0.635 mg/l	-
	-	Marine water	0.0635 mg/l	-
	-	Fresh water sediment	3.29 mg/kg	-
	-	Marine water sediment	0.329 mg/kg	-
	-	Soil	0.29 mg/kg	-
	-	Sewage Treatment Plant	100 mg/l	-
ethylbenzene	-	Fresh water	0.1 mg/l	Assessment Factors
	-	Marine water	0.01 mg/l	Assessment Factors
	-	Sewage Treatment Plant		Assessment Factors
	-	Fresh water sediment	13.7 mg/kg dwt	Equilibrium Partitioning
	-	Marine water sediment	1.37 mg/kg dwt	Equilibrium Partitioning
	-	Soil	2.68 mg/kg dwt	Equilibrium Partitioning
	-	Secondary Poisoning	20 mg/kg	-

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, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
Individual protection measu	<u>res</u>
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	: Chemical splash goggles. Use eye protection according to EN 166.
Skin protection	
Hand protection	:

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SECTION 8: Exposu	re controls/personal protection
	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for differen glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use as included in the user's risk assessment.
Gloves	: butyl rubber
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti- static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.
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	: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If

hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Wear a respirator conforming to EN140. Filter type: organic vapour (Type A) and particulate filter P3 Environmental exposure controls

will be necessary to reduce emissions to acceptable levels.

cases, fume scrubbers, filters or engineering modifications to the process equipment

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

<u>Appearance</u>	
Physical state	: Liquid.
Colour	: Various
Odour	: Aromatic.
Odour threshold	: Not available.
Melting point/freezing point	: May start to solidify at the following temperature: 8 to 12°C (46.4 to 53.6°F) This is based on data for the following ingredient: bis-[4-(2,3-epoxipropoxi)phenyl]propane. Weighted average: -24.7°C (-12.5°F)
Initial boiling point and boiling range	: >37.78°C
Flammability	: Not available.

English (GB)
	/

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SECTION 9: Physical a	Ind	chemical pro	perties	;				
Upper/lower flammability or explosive limits	:	Greatest known ran	ge: Lower	: 1.7%	Upper: 10.9	% (2-met	hylpropan-´	1-ol)
Flash point	:	Closed cup: 37°C						
Auto-ignition temperature	:							
		Ingredient name		°C	°F		Method	
		2-methoxy-1-methylethyl	acetate	333	631.	4	DIN 51794	
Decomposition temperature	:	Stable under recom	mended s	torage a	and handling	conditio	ns (see Sec	ction 7).
рН	:	Not applicable. inso	luble in wa	ater.				
Viscosity	:	Kinematic (room ter Kinematic (40°C): >): >400	mm²/s			
Viscosity	1	> 100 s (ISO 6mm)						
Solubility(ies)	1							
Media		Result						
cold water Partition coefficient: n-octano	١/ :	Not soluble Not applicable.						
Partition coefficient: n-octano	I/ : :		Vapou	ur Press	sure at 20°C	: Va	pour pres	sure at 50°C
	I/ : :		Vapou mm Hg	·	sure at 20°C	; Va mm Hg	pour press	sure at 50°C Method
Partition coefficient: n-octano	I/ : :	Not applicable.		kPa		mm	· · ·	
Partition coefficient: n-octano water Vapour pressure	ν : : :	Not applicable.	mm Hg	kPa	Method DIN EN 13016-2	mm Hg	kPa	Method
Partition coefficient: n-octano	V : : :	Not applicable.	mm Hg	kPa	Method DIN EN 13016-2	mm Hg	kPa	Method
Partition coefficient: n-octano water Vapour pressure Evaporation rate	:	Not applicable.	mm Hg <12.00102 e: 0.84 (et e: 11.7 (A	kPa < <1.6 hylbenz	Method DIN EN 13016-2 ene) Weigh	mm Hg	kPa age: 0.74co	Method mpared with
Partition coefficient: n-octano water Vapour pressure Evaporation rate Relative density Vapour density	:	Not applicable. Ingredient name Methylpropan-1-ol Highest known value butyl acetate 1.6 Highest known value	mm Hg <12.00102 e: 0.84 (et e: 11.7 (A 8.8 (Air = not explos	kPa <1.6 hylbenz ir = 1) (1) sive, bu	Method DIN EN 13016-2 ene) Weigh (bis-[4-(2,3-6	ted avera	kPa age: 0.74co oxi)phenyl]	Method mpared with propane).
Partition coefficient: n-octano water Vapour pressure Evaporation rate Relative density Vapour density Explosive properties	:	Not applicable. Ingredient name fmethylpropan-1-ol Highest known value butyl acetate 1.6 Highest known value Weighted average: The product itself is	mm Hg <12.00102 e: 0.84 (et e: 11.7 (A 8.8 (Air = not explos air is poss	kPa <1.6 hylbenz iir = 1) 1) sive, bu iible.	Method DIN EN 13016-2 ene) Weigh (bis-[4-(2,3-e t the formati	ted avera	kPa age: 0.74co oxi)phenyl]	Method mpared with propane).
Partition coefficient: n-octano water Vapour pressure Evaporation rate Relative density Vapour density Explosive properties Oxidising properties	:	Not applicable. Ingredient name Ingredient name Impredient name Impredient	mm Hg <12.00102 e: 0.84 (et e: 11.7 (A 8.8 (Air = not explos air is poss	kPa <1.6 hylbenz iir = 1) 1) sive, bu iible.	Method DIN EN 13016-2 ene) Weigh (bis-[4-(2,3-e t the formati	ted avera	kPa age: 0.74co oxi)phenyl]	Method mpared with propane).
Partition coefficient: n-octanol water Vapour pressure Evaporation rate Relative density Vapour density Explosive properties Oxidising properties Particle characteristics	:	Not applicable. Ingredient name Ingredient name Impredient name Impredient	mm Hg <12.00102 e: 0.84 (et e: 11.7 (A 8.8 (Air = not explos air is poss	kPa <1.6 hylbenz iir = 1) 1) sive, bu iible.	Method DIN EN 13016-2 ene) Weigh (bis-[4-(2,3-e t the formati	ted avera	kPa age: 0.74co oxi)phenyl]	Method mpared with propane).
Partition coefficient: n-octano water Vapour pressure Evaporation rate Relative density	:	Not applicable. Ingredient name Impredient nam	mm Hg <12.00102 e: 0.84 (et e: 11.7 (A 8.8 (Air = not explos air is poss	kPa <1.6 hylbenz iir = 1) 1) sive, bu iible.	Method DIN EN 13016-2 ene) Weigh (bis-[4-(2,3-e t the formati	ted avera	kPa age: 0.74co oxi)phenyl]	Method mpared with propane).

SECTION 10: Stability and reactivity

English (GB)	Europe 11/19
10.4 Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.2 Chemical stability	: The product is stable.
10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.

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SECTION 10: Stabilit	y and reactivity
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	: Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides sulfur oxides halogenated compounds metal oxide/ oxides

SECTION 11: Toxicological information

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

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
bis-[4-(2,3-epoxipropoxi)phenyl]propane	LD50 Dermal	Rabbit	23000 mg/kg	-
	LD50 Oral	Rat	15000 mg/kg	-
xylene	LD50 Dermal	Rabbit	1.7 g/kg	-
	LD50 Oral	Rat	4.3 g/kg	-
Epoxy Resin (700 <mw<=1100)< td=""><td>LD50 Dermal</td><td>Rat</td><td>>2000 mg/kg</td><td>-</td></mw<=1100)<>	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-
Phenol, methylstyrenated	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-
2-methylpropan-1-ol	LC50 Inhalation Vapour	Rat	24.6 mg/l	4 hours
	LD50 Dermal	Rabbit	2460 mg/kg	-
	LD50 Oral	Rat	2830 mg/kg	-
2-methoxy-1-methylethyl acetate	LC50 Inhalation Vapour	Rat	30 mg/l	4 hours
	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	6190 mg/kg	-
oxirane, mono[(C12-14-alkyloxy)methyl]	LD50 Oral	Rat	17100 mg/kg	-
derivs.				
12-hydroxyoctadecanoic acid, reaction	LC50 Inhalation Dusts and	Rat	3.56 mg/l	4 hours
products with 1,3-benzenedimethanamine	mists		, C	
and hexamethylenediamine				
	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-
ethylbenzene	LC50 Inhalation Vapour	Rat	17.8 mg/l	4 hours
-	LD50 Dermal	Rabbit	17.8 g/kg	-
	LD50 Oral	Rat	3.5 g/kg	-

Conclusion/Summary : There are no data available on the mixture itself.

Acute toxicity estimates

Route	ATE value
Inhalation (vapours)	30579.48 mg/kg 177.99 mg/l 341.9 mg/l

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
s-[4-(2,3-epoxipropoxi)phenyl]propane	Eyes - Mild irritant	Rabbit	-	24 hours	-
	Eyes - Redness of the	Rabbit	0.4	24 hours	-
	conjunctivae				
	Skin - Oedema	Rabbit	0.5	4 hours	-
	Skin - Erythema/Eschar	Rabbit	0.8	4 hours	-
	Skin - Mild irritant	Rabbit	-	4 hours	-
xylene	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-

Conclusion/Summary

English (GB)	Europe	12/19
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SECTION 11: Toxicological information

- Eyes : There are no data available on the mixture itself.
- Respiratory : There are no data available on the mixture itself.

Sensitisation

Product/ingredient name	Route of exposure	Species	Result
bis-[4-(2,3-epoxipropoxi)phenyl]propane	skin	Mouse	Sensitising
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	skin	Guinea pig	Sensitising

Conclusion/Summary	
Skin	: There are no data available on the mixture itself.
Respiratory	: There are no data available on the mixture itself.
<u>Mutagenicity</u>	
Conclusion/Summary	: There are no data available on the mixture itself.
Carcinogenicity	
Conclusion/Summary	: There are no data available on the mixture itself.
Reproductive toxicity	
Conclusion/Summary	: There are no data available on the mixture itself.
Teratogenicity	
Conclusion/Summary	: There are no data available on the mixture itself.
Specific target organ toxic	ity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
xylene 2-methylpropan-1-ol	Category 3 Category 3		Respiratory tract irritation Respiratory tract irritation
2-methoxy-1-methylethyl acetate	Category 3 Category 3		Narcotic effects Narcotic effects

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
2-hydroxyoctadecanoic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamine	Category 2	inhalation	lungs
· · ·	Category 2	-	hearing organs

Aspiration hazard

ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1		
: No known significant effects or critical hazards.		
: No known significant effects or critical hazards.		
: Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.		
eye irritation.		
fi		

English (GB) Europe 13	3/19
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SECTION 11: Toxicol	ogical information
Inhalation	: No specific data.
Ingestion	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Delayed and immediate effe	cts as well as chronic effects from short and long-term exposure
<u>Short term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health effe	<u>cts</u>
Not available.	
Conclusion/Summary	: Not available.
General	: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/o dermatitis. 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.

Prolonged or repeated contact may dry skin and cause irritation. Sanding and grinding dusts may be harmful if inhaled. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapour/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Avoid contact with skin and clothing.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

Not available.

SECTION 12: Ecological information

12.1 Toxicity

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SECTION 12: Ecological information

Product/ingredient name	Result	Species	Exposure
pis-[4-(2,3-epoxipropoxi)phenyl]propane	Acute LC50 1.8 mg/l Fresh	Daphnia - <i>daphnia</i>	48 hours
	water	magna	
	Chronic NOEC 0.3 mg/l	Daphnia	21 days
2-methylpropan-1-ol	Acute EC50 1100 mg/l	Daphnia	48 hours
2-methoxy-1-methylethyl acetate	Acute LC50 134 mg/l Fresh	Fish - Oncorhynchus	96 hours
	water	mykiss	
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	LC50 >100 mg/l	Fish	96 hours
12-hydroxyoctadecanoic acid, reaction products	Acute EC50 >100 mg/l	Algae -	72 hours
with 1,3-benzenedimethanamine and	_	Pseudokirchneriella	
hexamethylenediamine		subcapitata	
		(microalgae)	
	Acute EC50 >100 mg/l	Daphnia - Daphnia	48 hours
		magna (Water flea)	
	Acute LC50 >100 mg/l	Fish - Oncorhynchus	96 hours
		mykiss (rainbow	
		trout)	
	Chronic NOEC 100 mg/l	Algae -	72 hours
	Ĵ,	Pseudokirchneriella	
		subcapitata	
	Chronic NOEC ≥50 mg/l	Daphnia - Daphnia	21 days
		magna (Water flea)	,
ethylbenzene	Acute EC50 1.8 mg/l Fresh	Daphnia	48 hours
-	water		
	Chronic NOEC 1 mg/l Fresh	Daphnia -	-
	water	Ceriodaphnia dubia	

Conclusion/Summary : There are no data available on the mixture itself.

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
P-methoxy-1-methylethyl acetate	-	83 % - Readily - 28 days	-	-
12-hydroxyoctadecanoic acid, reaction products with	OECD 301D Ready	9 % - Not readily - 29 days	-	-
1,3-benzenedimethanamine and hexamethylenediamine	Biodegradability - Closed Bottle Test			
ethylbenzene	-	79 % - Readily - 10 days	-	-

Conclusion/Summary : There are no data available on the mixture itself.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
s-[4-(2,3-epoxipropoxi)phenyl]propane	-	-	Not readily Readily
2-methoxy-1-methylethyl acetate	-	-	Readily
ethylbenzene	-	-	Readily

12.3 Bioaccumulative potential

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SECTION 12: Ecological information

Product/ingredient name	LogPow	BCF	Potential
xylene	3.12	7.4 to 18.5	Low
Phenol, methylstyrenated	3.627	-	Low
2-methylpropan-1-ol	1	-	Low
2-methoxy-1-methylethyl acetate	1.2	-	Low
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	3.77	-	Low
12-hydroxyoctadecanoic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamine	>6	-	High
ethylbenzene	3.6	79.43	Low

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

12.5 Results of PBT and vPvB assessment

Product/ingredient name	PBT	Р	В	Т	vPvB	vP	vB
øs-[4-(2,3-epoxipropoxi) phenyl]propane	No	N/A	N/A	No	N/A	N/A	N/A
xylene	No	N/A	No	No	No	N/A	No
Époxy Resin (700 <mw <=1100)</mw 	No	N/A	N/A	No	N/A	N/A	N/A
Phenol, methylstyrenated	No	N/A	N/A	No	SVHC (Candidate)	Specified	Specified
2-methylpropan-1-ol	No	N/A	N/A	No	Ň/A	N/A	N/A
2-methoxy-1-methylethyl acetate	No	N/A	N/A	No	N/A	N/A	N/A
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	No	N/A	N/A	No	N/A	N/A	N/A
ethylbenzene	No	N/A	No	Yes	No	N/A	No

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

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

13.1 Waste treatment methods

Product	
Methods of disposal	: The generation of waste should be avoided or 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.

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SECTION 13: Disposal considerations

: Yes.

Hazardous waste

European waste catalogue (EWC)

Waste code	Waste designation
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 minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Type of packaging	European waste catalogue (EWC)	
Container	15 01 06 mixed packaging	
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. 	

14. Transport information

	ADR/RID	ADN	IMDG	ΙΑΤΑ
14.1 UN number or ID number	UN1263	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT	PAINT	PAINT	PAINT
14.3 Transport hazard class(es)	3	3	3	3
14.4 Packing group		III	III	III
14.5 Environmental hazards	No.	Yes.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.	Not applicable.

Additional information

ADR/RID	: This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.2.3.1.5.1.
Tunnel code	: (D/E)
ADN	: The product is only regulated as an environmentally hazardous substance when transported in tank vessels. This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.2.3.1.5.1.
IMDG	: This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.3.2.5.
ΙΑΤΑ	: None identified.

14.6 Special precautions for	1	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.

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14. Transport information

14.7 Maritime transport in : Not applicable. bulk 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 authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

Intrinsic property	Ingredient name	 Reference number	Date of revision
₩ŹvB	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	D(2023) 8585-DC	1/23/2024

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

Ozone depleting substances (1005/2009/EU)

Not listed.

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria	
Category	
P5c	

15.2 Chemical safety assessment

: No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms

ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PNEC = Predicted No Effect Concentration RRN = REACH Registration Number PBT = Persistent, Bioaccumulative and Toxic vPvB = Very Persistent and Very Bioaccumulative ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

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

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SECTION 16: Other information		

IMDG = International Maritime Dangerous Goods IATA = International Air Transport Association

Full text of abbreviated H statements

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
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.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

Full text of classifications [CLP/GHS]

Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Aquatic Chronic 4	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 4
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. 2	FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE -
	Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE -
	Category 3

<u>History</u>

Date of issue/ Date of revision	: 23 April 2024
Date of previous issue	: 7 March 2024
Prepared by	: EHS
Version	: 2

<u>Disclaimer</u>

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