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

SAFETY DATA SHEET

Date of issue/Date of revision

: 13 September 2024 Version



: 1.02

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

1.1 Product identifier	
Product name	: SIGMACOVER 456 BASE RAL 6004
Product code	: 00250604
Product type	: Liquid.
Other means of identification	: Not available.
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/ mixture	: Coating.
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 responsible for this SDS

: Product.Stewardship.EMEA@ppg.com

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 UK CLP/GHS** Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT RE 1, H372 Aquatic Chronic 3, H412

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

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

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

2.2 Label elements

Hazard pictograms



Signal word

: Danger



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SECTI	ON 2: Hazards identifica	tion	

SECTION 2: Hazards	ic	lentification
Hazard statements	:	Flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Causes damage to organs through prolonged or repeated exposure. 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 to the environment. Do not breathe vapour. Wash thoroughly after handling.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	:	P280, P210, P273, P260, P264, P501 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 requirem	en	<u>ts</u>
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	1	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	:	Prolonged or repeated contact may dry skin and cause irritation.

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Classification	Туре
¢rystalline silica, respirable powder (<10 microns)	EC: 238-878-4 CAS: 14808-60-7	≥10 - ≤25	STOT RE 1, H372 (inhalation)	[1] [2]
xylene	REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7	≥10 - <20	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	[1] [2]
epoxy resin (MW ≤ 700)	REACH #: 01-2119456619-26 EC: 500-033-5 CAS: 25068-38-6	≥5.0 - ≤10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411	[1]
ethylbenzene	REACH #:	≥1.0 - ≤5.0	Flam. Liq. 2, H225	[1] [2]
English (GB)	United I	Kingdom (UK)		2/*

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SECTION 3: Composition/inform	mation on ingredients	
01-21194 EC: 202- CAS: 100	849-4 S	Acute Tox. 4, H332 STOT RE 2, H373

	CAS: 100-41-4 Index: 601-023-00-4		(hearing organs) Asp. Tox. 1, H304 Aquatic Chronic 3, H412	
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]
Hydrocarbons, C9, aromatics > 0.1% cumene	REACH #: 01-2119455851-35 EC: 918-668-5 CAS: 128601-23-0	<1.0	Flam. Liq. 3, H226 Carc. 1B, H350 STOT SE 3, H335 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066	[1]
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	REACH #: 01-2119979085-27 EC: 309-629-8 CAS: 100545-48-0	≤0.30	Skin Sens. 1B, H317 Aquatic Chronic 3, H412	[1]
			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. Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

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

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.

English (GB)	United Kingdom (UK)	3/17
Skin contact	: Causes skin irritation. Defatting to the skin. May cause an allergic skin reac	tion.
Inhalation	: No known significant effects or critical hazards.	
Eye contact	: Causes serious eye irritation.	
Potential acute health effe	<u>ects</u>	
4.2 Most important sympt	toms and effects, both acute and delayed	

GB)	United Kingdom (UK)	
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SECTION 4: Fir	st aid measures		
Ingestion	: No known significant effects	or critical hazards.	
<u>Over-exposure sign</u>	s/symptoms		
Eye contact	: Adverse symptoms may inclupain or irritation watering redness	ude the following:	
Inhalation	: No specific data.		
Skin contact	: Adverse symptoms may incluin irritation	ude the following:	

	irritation	
	redness	
	dryness	
	cracking	
Ingestion	: No specific data.	

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large
	quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.

5.2 Special hazards arising from 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 sulfur oxides halogenated compounds metal oxide/oxides
5.3 Advice for firefighters	
Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective 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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures : No action shall be taken involving any personal risk or without suitable training. For non-emergency Evacuate surrounding areas. Keep unnecessary and unprotected personnel from personnel 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.

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SECTION 6: Accident	al release measures		
For emergency responders	f specialised clothing is required to deal with the spillage, take note of any nformation in Section 8 on suitable and unsuitable materials. See also the nformation 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.		
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 an 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.		
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 breathe vapour or mist. Do not ingest. 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

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SECTION 7: Handling and storage

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.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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).

Occupational exposure limits

Product/ingredient name	Exposure limit values
vystalline silica, respirable powder (<10 microns)	EH40/2005 WELs (United Kingdom (UK), 1/2020). [silica,
	respirable crystalline]
	TWA: 0.1 mg/m ³ 8 hours. Form: Respirable fraction
xylene	EH40/2005 WELs (United Kingdom (UK), 1/2020). [xylene, o-,m-,p-
	or mixed isomers] Absorbed through skin.
	STEL: 441 mg/m ³ 15 minutes.
	STEL: 100 ppm 15 minutes.
	TWA: 220 mg/m³ 8 hours.
	TWA: 50 ppm 8 hours.
ethylbenzene	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed
	through skin.
	STEL: 552 mg/m ³ 15 minutes.
	STEL: 125 ppm 15 minutes.
	TWA: 441 mg/m³ 8 hours.
	TWA: 100 ppm 8 hours.
2-methoxy-1-methylethyl acetate	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed
	through skin.
	STEL: 548 mg/m ³ 15 minutes.
	STEL: 100 ppm 15 minutes.
	TWA: 274 mg/m³ 8 hours.
	TWA: 50 ppm 8 hours.

Biological exposure indices

Product/ingredient name	Exposure indices	
xylene	XYLENES	
Recommended monitoring procedures Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.		

DNELs/DMELs

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SECTION 8: Exposure controls/personal protection

Product/ingredient name	Туре	Exposure	Value	Population	Effects
x ylene	DNEL	Long term Oral	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
epoxy resin (MW ≤ 700)	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	Systemic
		Long term Derma	5.57 Ting/kg bw/day	population	Oysternie
				[Consumers]	
	DNEL	Short term Dermal	3.571 mg/kg bw/day	General	Systemic
		Short term Derma	5.57 Ting/kg bw/day	population	Oysternic
	DNEL	Long torm Oral	0.75 mg/kg bw/day	[Consumers] General	Svotomio
	DNEL	Long term Oral	0.75 mg/kg bw/day		Systemic
				population	
		Short torm Oral	0.75 mg/kg bw/dov	[Consumers]	Sustamia
	DNEL	Short term Oral	0.75 mg/kg bw/day	General	Systemic
				population	
atta dha mara a			440	[Consumers]	Lasal
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/m ³	Workers	Systemic
	DNEL	Long term Dermal	180 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	293 mg/m ³	Workers	Local
2-methoxy-1-methylethyl	DNEL	Long term Inhalation	33 mg/m³	General population	Local
acetate				a	a ()
		Long term Inhalation	33 mg/m ³	General population	
	DNEL	Long term Oral	36 mg/kg bw/day	General population	
	DNEL	Long term Inhalation	275 mg/m ³	Workers	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
Hydrocarbons, C9, aromatics	DNEL	Long term Inhalation	150 mg/m³	Workers	Systemic
> 0.1% cumene					
	DNEL	Long term Dermal	25 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	32 mg/m ³	General population	Systemic
	DNEL	Long term Dermal	11 mg/kg bw/day	General population	Systemic
	DNEL	Long term Oral	11 mg/kg bw/day	General population	Systemic
Octadecanoic acid,	DNEL	Long term Inhalation	0.055 mg/m³	General population	Local
12-hydroxy-, reaction					
products with					
ethylenediamine					
	DNEL	Long term Inhalation	0.308 mg/m ³	Workers	Local
PNECs	1	1 -	-		

PNECs

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SECTION 8: Exposure controls/personal protection

Product/ingredient name	Compartment Detail	Value	Method Detail
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	-
epoxy resin (MW ≤ 700)	Fresh water	0.006 mg/l	Assessment Factors
	Marine water	0.001 mg/l	Assessment Factors
	Sewage Treatment Plant	10 mg/l	Assessment Factors
	Fresh water sediment	0.996 mg/kg dwt	Equilibrium Partitioning
	Marine water sediment	0.1 mg/kg dwt	Equilibrium Partitioning
ethylbenzene	Fresh water	0.1 mg/l	Assessment Factors
	Marine water	0.01 mg/l	Assessment Factors
	Sewage Treatment Plant	9.6 mg/l	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	-
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	-

8.2 Exposure controls

controls or other engineering controls to keep worker exposure to airborne contaminants be any recommended or statutory limits. The engineering controls also need to keep or vapour or dust concentrations below any lower explosive limits. Use explosion-pro- ventilation equipment.	Appropriate engineering controls
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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 Skin protection	Chemical splash goggles.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. 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 different 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. butyl rubber

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SECTION 8: Exposure controls/personal protection

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 antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
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 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	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

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

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Colour : Green. Odour : Aromatic. Odour threshold : Not available. Melting point/freezing point : May start to solidify at the following temperature data for the following ingredient: 2-methoxy-1-methoxy-1-methoxies average: -90.43°C (-130.8°F) Initial boiling point and boiling range : >37.78°C (>100°F) Flammability (solid, gas) : liquid Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.4% Upper: 7.6 light aromatic) Flash point : Closed cup: 28°C (82.4°F) Auto-ignition temperature : Ingredient name °C 2-methoxy-1-methylethyl acetate 333 pH : Not applicable. Not applicable. Not applicable. Insoluble in water. Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) :	
Odour : Aromatic. Odour threshold : Not available. Melting point/freezing point : May start to solidify at the following temperature data for the following ingredient: 2-methoxy-1-methoxy-1-methoxy-2-methoxy-1-me	
Odour threshold : Not available. Melting point/freezing point : May start to solidify at the following temperature data for the following ingredient: 2-methoxy-1-m average: -90.43°C (-130.8°F) Initial boiling point and boiling range : >37.78°C (>100°F) Flammability (solid, gas) : liquid Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.4% Upper: 7.6 Flash point : Closed cup: 28°C (82.4°F) Auto-ignition temperature : Ingredient name °C °F N 2-methoxy-1-methylethyl acetate 333 631.4 DI pH : Not applicable. Not applicable. Not applicable. Solubility(ies) : Kinematic (40°C): >21 mm²/s Media Result	
Melting point/freezing point : May start to solidify at the following temperature data for the following ingredient: 2-methoxy-1-methoxy-1-methoxy-1-methoxy-1-methoxy-1-methoxy-1-methoxy-1-methoxy-1-methoxy-1-methoxy-1-methoxy-1-methoxy-1-methoxy-1-methoxy-1-methoxy-1-methoxy-1-methoxy-1-methoxy-1 Initial boiling point and boiling range : >37.78°C (>100°F) Flammability (solid, gas) : liquid Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.4% Upper: 7.6 Flash point : Closed cup: 28°C (82.4°F) Auto-ignition temperature : Ingredient name °C °F N 2-methoxy-1-methylethyl acetate 333 631.4 DI pH : Not applicable. Not applicable. Not applicable. insoluble in water. Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies)	
data for the following ingredient: 2-methoxy-1-m average: -90.43°C (-130.8°F) Initial boiling point and : >37.78°C (>100°F) boiling range Flammability (solid, gas) : liquid Upper/lower flammability or : Greatest known range: Lower: 1.4% Upper: 7.6 explosive limits : Greatest known range: Lower: 1.4% Upper: 7.6 Flash point : Closed cup: 28°C (82.4°F) Auto-ignition temperature : Ingredient name °C °F 2-methoxy-1-methylethyl acetate 333 631.4 DI pH : Not applicable. Not applicable. Not applicable. Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) :	
boiling range Flammability (solid, gas) : liquid Upper/lower flammability or : Greatest known range: Lower: 1.4% Upper: 7.6 explosive limits : Closed cup: 28°C (82.4°F) Auto-ignition temperature : Ingredient name °C °F N 2-methoxy-1-methylethyl acetate 333 631.4 DI pH : Not applicable. Not applicable. Not applicable. Not applicable. Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) : Media Result	· · · · ·
Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.4% Upper: 7.6 light aromatic) Flash point : Closed cup: 28°C (82.4°F) Auto-ignition temperature : Ingredient name °C °F N 2-methoxy-1-methylethyl acetate 333 631.4 DI pH : Not applicable. Not applicable. insoluble in water. Not applicable. Not applicable. Not applicable. Viscosity : Kinematic (40°C): >21 mm²/s : Media Result	
Auto-ignition temperature : Ingredient name °C °F M 2-methoxy-1-methylethyl acetate 333 631.4 DI pH : Not applicable. Not applicable. insoluble in water. Not applicable. Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) : Media Result	% (Solvent naphtha (petroleum),
Ingredient name °C °F N 2-methoxy-1-methylethyl acetate 333 631.4 DI pH : Not applicable. Not applicable. insoluble in water. Not applicable. Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) :	
2-methoxy-1-methylethyl acetate 333 631.4 DI pH : Not applicable. Not applicable. insoluble in water. Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) :	
pH : Not applicable. Not applicable. insoluble in water. Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) : Media Result	ethod
Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) : Media Result	N 51794
Solubility(ies) : Media Result	
Media Result	
cold water Not soluble	
Miscible with water : No.	
Partition coefficient: n-octanol/ : Not applicable. water	
Vapour pressure :	

9.1 Information on basic physical and chemical properties

English (GB)

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SECTION 9: Physical and chemical properties

	Va	apour Pres	sure at 20°C	V	apour pres	sure at 50°C
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
et hylbenzene	9.30076	1.2				
Relative density	: 1.3		4			
Vapour density		nest known rage: 3.8(/		1) (2-methoxy-	1-methyletl	hyl acetate). Weight
Explosive properties			elf is not explosive with air is possible		ation of an e	explosible mixture of
Oxidising properties Particle characteristics	: Pro	duct does n	ot present an oxic	lizing hazard.		
Median particle size	: Not	applicable.				

SECTION 10: Stability and reactivity

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

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
x ylene	LD50 Dermal	Rabbit	1.7 g/kg	-
	LD50 Oral	Rat	4.3 g/kg	-
epoxy resin (MW ≤ 700)	LD50 Dermal	Rabbit	>2 g/kg	-
	LD50 Oral	Rat	>2 g/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	-
2-methoxy-1-methylethyl	LC50 Inhalation Vapour	Rat	30 mg/l	4 hours
acetate				
	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	6190 mg/kg	-
Hydrocarbons, C9,	LD50 Dermal	Rabbit	>3160 mg/kg	-
aromatics > 0.1% cumene				
	LD50 Oral	Rat - Female	3492 mg/kg	-
Octadecanoic acid,	LC50 Inhalation Dusts and	Rat	5.05 mg/l	4 hours
12-hydroxy-, reaction	mists			
products with				
ethylenediamine				
	LD50 Oral	Rat	>2000 mg/kg	-

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SECTION 11: Toxicological information

Conclusion/Summary

: There are no data available on the mixture itself.

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)
GMACOVER 456 BASE RAL 6004	N/A	9954.5	N/A	58.1	N/A
xylene	4300	1700	N/A	11	N/A
ethylbenzene	3500	17800	N/A	17.8	N/A
2-methoxy-1-methylethyl acetate	6190	N/A	N/A	30	N/A
Hydrocarbons, C9, aromatics > 0.1% cumene	3492	N/A	N/A	N/A	N/A
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	N/A	N/A	N/A	N/A	5.05

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
x ylene	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				mg	
epoxy resin (MW ≤ 700)	Eyes - Mild irritant	Rabbit	-	-	-
· · · · ·	Skin - Mild irritant	Rabbit	-	-	-

Conclusion/Summary	i not avallable.
Skin	: There are no data available on the mixture itself.

: There are no data available on the mixture itself.

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

Sensitisation

Eyes

Product/ingredient name	Route of exposure	Species	Result
epoxy resin (MW ≤ 700) Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	skin skin	Mouse Guinea pig	Sensitising Sensitising

Conclusion/Summary	
Skin	: There are no data available on the mixture itself.
Respiratory	: There are no data available on the mixture itself.
Mutagenicity	
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 toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
xylene	Category 3	-	Respiratory tract irritation
2-methoxy-1-methylethyl acetate	Category 3	-	Narcotic effects
Hydrocarbons, C9, aromatics > 0.1% cumene	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects

Specific target organ toxicity (repeated exposure)

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SECTION 11: Toxicological information

Product/ingredient name	Category	Route of exposure	Target organs
	Category 1	inhalation	-
	Category 2	-	hearing organs

Aspiration hazard

Product/ingredient name	Result
xylene	ASPIRATION HAZARD - Category 1
ethylbenzene	ASPIRATION HAZARD - Category 1
Hydrocarbons, C9, aromatics > 0.1% cumene	ASPIRATION HAZARD - Category 1

Hydrocarbons, C9, aromatics	>	0.1% cumene	ASPIRA	TION HAZARD - Category 1
Information on likely routes of exposure	:	Not available.		
Potential acute health effects				
Eye contact	1	Causes serious eye irritation.		
Inhalation	÷	No known significant effects or cri	tical hazar	ds.
Skin contact	÷	Causes skin irritation. Defatting to	the skin.	May cause an allergic skin reaction.
Ingestion	;	No known significant effects or crit	tical hazar	ds.

Symptoms related to the physical, chemical and toxicological characteristics

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.

Delayed and immediate effects 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	2	
Not available.		
Conclusion/Summary	Not available.	
General	Causes damage to organs through prolonged or repeated exposure. Prolonged repeated contact can defat the skin and lead to irritation, cracking and/or dermat Once sensitized, a severe allergic reaction may occur when subsequently expose to very low levels.	itis.
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.	

E	English (GB)	United Kingdom (UK)	12/17

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

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SECTION 11: Toxicological information

Other information

: Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
epoxy resin (MW \leq 700)	Acute LC50 1.8 mg/l	Daphnia	48 hours
	Chronic NOEC 0.3 mg/l	Daphnia	21 days
ethylbenzene	Acute EC50 1.8 mg/l Fresh water	Daphnia	48 hours
-	Chronic NOEC 1 mg/l Fresh water	Daphnia - Ceriodaphnia dubia	-
2-methoxy-1-methylethyl acetate	Acute LC50 134 mg/l Fresh water	Fish - Trout - Oncorhynchus mykiss	96 hours
Hydrocarbons, C9, aromatics > 0.1% cumene	EC50 3.2 mg/l	Daphnia	48 hours
	LC50 9.2 mg/l	Fish	96 hours
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	Acute EC50 >100 mg/l	Algae - Pseudokirchneriella subcapitata	72 hours
,	Acute EC50 >10 mg/l	Daphnia - <i>Daphnia magna</i>	48 hours
	Acute LC50 >10 mg/l	Fish - Oncorhynchus mykiss	96 hours

Conclusion/Summary

: Not available.

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
epoxy resin (MW ≤ 700)	OECD 301F	5 % - 28 days	-	-
ethylbenzene	-	79 % - Readily - 10 days	-	-
2-methoxy-1-methylethyl acetate	-	83 % - Readily - 28 days	-	-
Hydrocarbons, C9, aromatics > 0.1% cumene	-	75 % - Readily - 28 days	-	-
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	301D Ready Biodegradability - Closed Bottle Test	22 % - 28 days	-	-

Conclusion/Summary

: Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
xylene	-	-	Readily
epoxy resin (MW ≤ 700)	-	-	Not readily
ethylbenzene	-	-	Readily
2-methoxy-1-methylethyl	-	-	Readily
acetate			
Hydrocarbons, C9, aromatics > 0.1% cumene	-	-	Readily
Octadecanoic acid,	-	-	Inherent
12-hydroxy-, reaction			
products with			
ethylenediamine			

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
epoxy resin (MW ≤ 700)	3	31	Low
ethylbenzene	3.6	79.43	Low
2-methoxy-1-methylethyl acetate	1.2	-	Low
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	>5.86	-	High

12.4 Mobility in soil	
Soil/water partition coefficient (K _{oc})	: Not available.
Mobility	: Not available.

12.5 Results of PBT and vPvB assessment

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

12.6 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 <u>Waste catalogue</u>	: Yes.
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	Waste catalogue		
Container	15 01 06	mixed packaging	
Special precautions	taken when Empty cont residues m container. thoroughly	al and its container must be disposed of in a safe way. Care should be a handling emptied containers that have not been cleaned or rinsed out. ainers or liners may retain some product residues. Vapour from product ay create a highly flammable or explosive atmosphere inside the Do not cut, weld or grind used containers unless they have been cleaned internally. Avoid dispersal of spilt material and runoff and contact with vays, drains and sewers.	

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SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN 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	Ш	III	111	111
14.5 Environmental hazards	No.	Yes.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.	Not applicable.
Additional inform	ation	•		
ADR/RID	None identified.			
Tunnel code	(D/E)			
ADN	The product is only regulated vessels.	lated as an environmenta	Illy hazardous substance	when transported in tan
IMDG	None identified.			

ΙΑΤΑ : None identified.

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user
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14.6 Special precautions for : 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 : Not available. according to IMO instruments

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.

Ozone depleting substances

Not listed.

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

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria

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SECTION 15: Regulatory information

Category

P5c

National regulations

Product/ingredient name	List name	Name on list	Classification	Notes
	Exposure Limits EH40	silica, respirable crystalline respirable fraction	Carc.	-

SECTION 16: Other information

Indicates information that has changed from previously issued version.

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

Procedure used to derive the classification

Classification	Justification	
Flam. Liq. 3, H226	On basis of test data	
Skin Irrit. 2, H315	Calculation method	
Eye Irrit. 2, H319 Skin Sens. 1, H317	Calculation method Calculation method	
STOT RE 1, H372	Calculation method	
Aquatic Chronic 3, H412	Calculation method	

Full text of abbreviated H statements

H225Highly flammable liquid and vapour.H226Flammable liquid and vapour.H304May be fatal if swallowed and enters airways.H312Harmful in contact with skin.H315Causes skin irritation.H317May cause an allergic skin reaction.H319Causes serious eye irritation.H322Harmful if inhaled.H335May cause respiratory irritation.H336May cause drowsiness or dizziness.H372Causes damage to organs through prolonged or repeated exposure.H373May cause damage to organs through prolonged or repeated exposure.H411Toxic to aquatic life with long lasting effects.H412Harmful to aquatic life with long lasting effects.EUH066Repeated exposure may cause skin dryness or cracking.		
H304May be fatal if swallowed and enters airways.H312Harmful in contact with skin.H315Causes skin irritation.H317May cause an allergic skin reaction.H319Causes serious eye irritation.H322Harmful if inhaled.H335May cause respiratory irritation.H336May cause drowsiness or dizziness.H372Causes damage to organs through prolonged or repeated exposure.H373May cause damage to organs through prolonged or repeated exposure.H411Toxic to aquatic life with long lasting effects.H412Harmful to aquatic life with long lasting effects.	H225	Highly flammable liquid and vapour.
 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H350 May cause cancer. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. 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. 	H226	Flammable liquid and vapour.
H315Causes skin irritation.H317May cause an allergic skin reaction.H319Causes serious eye irritation.H322Harmful if inhaled.H335May cause respiratory irritation.H336May cause drowsiness or dizziness.H350May cause cancer.H372Causes damage to organs through prolonged or repeated exposure.H373May cause damage to organs through prolonged or repeated exposure.H411Toxic to aquatic life with long lasting effects.H412Harmful to aquatic life with long lasting effects.	H304	May be fatal if swallowed and enters airways.
H317May cause an allergic skin reaction.H319Causes serious eye irritation.H332Harmful if inhaled.H335May cause respiratory irritation.H336May cause drowsiness or dizziness.H350May cause cancer.H372Causes damage to organs through prolonged or repeated exposure.H373May cause damage to organs through prolonged or repeated exposure.H411Toxic to aquatic life with long lasting effects.H412Harmful to aquatic life with long lasting effects.	H312	Harmful in contact with skin.
 H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H350 May cause cancer. H372 Causes damage to organs through prolonged or repeated exposure. 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. 	H315	Causes skin irritation.
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H335May cause respiratory irritation.H336May cause drowsiness or dizziness.H350May cause cancer.H372Causes damage to organs through prolonged or repeated exposure.H373May cause damage to organs through prolonged or repeated exposure.H411Toxic to aquatic life with long lasting effects.H412Harmful to aquatic life with long lasting effects.	H319	Causes serious eye irritation.
 H336 May cause drowsiness or dizziness. H350 May cause cancer. H372 Causes damage to organs through prolonged or repeated exposure. 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. 	H332	Harmful if inhaled.
 H350 May cause cancer. H372 Causes damage to organs through prolonged or repeated exposure. 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. 	H335	May cause respiratory irritation.
 H372 Causes damage to organs through prolonged or repeated exposure. 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. 	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. 	H350	May cause cancer.
H411Toxic to aquatic life with long lasting effects.H412Harmful to aquatic life with long lasting effects.	H372	Causes damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.	H373	May cause damage to organs through prolonged or repeated exposure.
	H411	Toxic to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.	H412	Harmful to aquatic life with long lasting effects.
	EUH066	Repeated exposure may cause skin dryness or cracking.

Full text of classifications

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SECTION 16: Other information		

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
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Carc. 1B	CARCINOGENICITY - Category 1B
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
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT RE 1	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

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Date of previous issue	: 27 October 2023
Prepared by	: EHS
Version	: 1.02

<u>Disclaimer</u>

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