SAFETY DATA SHEET

Date of issue/Date of revision

: 21 October 2023

Version : 1.01

pPG

Europe

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

1.1 Product identifier	
Product name	: SIGMA NEXEON 750 WHHITE
Product code	: 000001154594
Other means of identifi	cation
00371065	

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	: Antifouling products	
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	
Product definition	: Mixture	
Classification accordin	ng to Regulation (EC) No. 1272/2008	<u>3 [CLP/GHS]</u>
Flam. Liq. 3, H226		
Acute Tox. 4, H302		
Acute Tox. 3, H331		
Skin Irrit. 2, H315		
Eye Dam. 1, H318		
Skin Sens. 1, H317		
Repr. 1B, H360D		
STOT RE 2, H373		
Aquatic Acute 1, H400		

English (GB)

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SECTION 2: Hazards identification

Aquatic Chronic 1, H410

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

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

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

2.2 Label elements

Storage **Disposal**

Hazard pictograms	
Signal word	: Danger
Hazard statements	 Flammable liquid and vapour. Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Toxic if inhaled. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.
Precautionary statements	
Prevention	: Wear protective gloves, protective clothing and 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.
Response	: Collect spillage.

- - : Not applicable.
 - : Dispose of contents and container in accordance with all local, regional, national and international regulations.
 - P280, P210, P273, P260, P391, P501
- **Hazardous ingredients** : pyrithione zinc 1H-Pyrrole-3-carbonitrile, 4-bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-
- Octadecanamide, N,N'-1,6-hexanediylbis[12-hydroxy-**Supplemental label** : Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe elements spray or mist.
- **Annex XVII Restrictions** : Restricted to professional users.

on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Special packaging requirements **Containers to be fitted** : Not applicable. with child-resistant fastenings Tactile warning of danger : Not applicable.

2.3 Other hazards

English (GB)

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SECTION 2: Hazards	
Product meets the criteria for PBT or vPvB	: 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

3.2 Mixtures	: Mixture				
Product/ingredient name	Identifiers	% by weight	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
K ylene	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	ATE [Dermal] = 1700 mg/kg ATE [Inhalation (vapours)] = 11 mg/l	[1] [2]
ethylbenzene	REACH #: 01-2119489370-35 EC: 202-849-4 CAS: 100-41-4 Index: 601-023-00-4	≥5.0 - <10	Flam. Liq. 2, H225 Acute Tox. 4, H332 STOT RE 2, H373 (hearing organs) Asp. Tox. 1, H304 Aquatic Chronic 3, H412	ATE [Inhalation (vapours)] = 17.8 mg/l	[1] [2]
1-methoxy-2-propanol	REACH #: 01-2119457435-35 EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	≥5.0 - ≤10	Flam. Liq. 3, H226 STOT SE 3, H336	-	[1] [2]
pyrithione zinc	REACH #: 01-2119511196-46 EC: 236-671-3 CAS: 13463-41-7 Index: 613-333-00-7	≥5.0 - <10	Acute Tox. 3, H301 Acute Tox. 2, H330 Eye Dam. 1, H318 Repr. 1B, H360D STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE [Oral] = 221 mg/ kg ATE [Inhalation (dusts and mists)] = 0.14 mg/l M [Acute] = 1000 M [Chronic] = 10	[1]
1H-Pyrrole-3-carbonitrile, 4-bromo-2-(4-chlorophenyl) -5-(trifluoromethyl)-	CAS: 122454-29-9	≥1.0 - ≤5.0	Acute Tox. 2, H300 Acute Tox. 3, H311 Acute Tox. 2, H330 STOT RE 1, H372 (central nervous system (CNS)) (oral) STOT RE 2, H373 (inhalation) Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE [Oral] = 28.7 mg/ kg ATE [Dermal] = 300 mg/kg ATE [Inhalation (dusts and mists)] = 0.05 mg/l M [Acute] = 1000 M [Chronic] = 100	[1]
Octadecanamide, N, N'-1,6-hexanediylbis [12-hydroxy-	CAS: 55349-01-4	≥1.0 - ≤5.0	Skin Sens. 1, H317 Aquatic Chronic 4, H413	-	[1]
English (GB)			Europe		3/20

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SECTION 3: Composition/information on ingredients

Hydrocarbons, C9, aromatics > 0.1% cumene	REACH #: 01-2119455851-35 EC: 918-668-5 CAS: 64742-95-6	<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	Carc. 1B, H350: C ≥ 10% EUH066: C ≥ 20%	[1]
methanol	REACH #: 01-2119433307-44 EC: 200-659-6 CAS: 67-56-1 Index: 603-001-00-X	≤0.30	Flam. Liq. 2, H225 Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 3, H331 STOT SE 1, H370 See Section 16 for the full text of the H statements declared above.	ATE [Oral] = 100 mg/ kg ATE [Dermal] = 300 mg/kg ATE [Inhalation (vapours)] = 3 mg/l STOT SE 1, H370: C \geq 10% STOT SE 2, H371: 3% \leq C < 10%	[1] [2]

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>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

This mixture contains ≥ 1% of titanium dioxide. The Annex VI classification of titanium dioxide does not apply to this mixture according to Note 10.

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	: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention. In case of accidental eye contact, avoid direct exposure to the sun or other sources of UV light as severe irritation including burns may result. These reactions can be delayed – get medical attention if pain, irritation or blistering occurs after contact.
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. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

Code : 0000011 SIGMA NEXEON 750 W			
SECTION 4: First aid measures			
4.2 Most important sym	ptoms and effects, both acute and delayed		
Potential acute health	<u>effects</u>		
Eye contact	: Causes serious eye damage.		
Inhalation	: Toxic if inhaled.		
Skin contact	: Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.		
Ingestion	: Harmful if swallowed.		
Over-exposure signs/s	<u>symptoms</u>		
Eye contact	: Adverse symptoms may include the following: pain watering redness		
Inhalation	: Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations		
Skin contact	: Adverse symptoms may include the following: pain or irritation redness dryness cracking blistering may occur reduced foetal weight increase in foetal deaths skeletal malformations		
Ingestion	: Adverse symptoms may include the following: stomach pains reduced foetal weight increase in foetal deaths skeletal malformations		
4.3 Indication of any im	mediate medical attention and special treatment needed		
Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.		

Specific treatments : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media	
Suitable extinguishing media	: 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 very toxic 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.

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SECTION 5: Firefight	ing measures
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 European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective 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. Do not breathe 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. Collect spillage.	
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 noncombustible, 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. Code<th:: 000001154594</th>Date of issue/Date of revision: 21 October 2023SIGMA NEXEON 750 WHHITE

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. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. 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	: 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. Store locked up. 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

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	Exposure limit values				
x ylene	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.]				
ethylbenzene	TWA: 50 ppm 8 hours. EU OEL (Europe, 1/2022). Absorbed through skin. STEL: 884 mg/m ³ 15 minutes. STEL: 200 ppm 15 minutes.					
English (GB)	Europe	7/20				

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SECTION 8: Exposure con	trols/personal protection
	TWA: 442 mg/m ³ 8 hours. TWA: 100 ppm 8 hours.
1-methoxy-2-propanol	EU OEL (Europe, 1/2022). Absorbed through skin. STEL: 568 mg/m ³ 15 minutes. STEL: 150 ppm 15 minutes. TWA: 375 mg/m ³ 8 hours. TWA: 100 ppm 8 hours.
methanol	EU OEL (Europe, 1/2022). Absorbed through skin. TWA: 260 mg/m ³ 8 hours. TWA: 200 ppm 8 hours.
Recommended monitoring : Refe	rence should be made to monitoring standards, such as the following: European

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
x ylene	DNEL	Short term Inhalation	260 mg/m ³	General population	Systemic
-	DNEL	Short term Inhalation	260 mg/m ³	General population	Local
	DNEL	Long term Dermal	125 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	65.3 mg/m ³	General population	Systemic
	DNEL	Long term Oral	12.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	221 mg/m ³	Workers	Systemic
	DNEL	Short term Inhalation	442 mg/m ³	Workers	Systemic
	DNEL	Long term Inhalation	221 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	442 mg/m ³	Workers	Local
	DNEL	Long term Dermal	212 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	65.3 mg/m ³	General population	Local
	DNEL	Short term Inhalation	260 mg/m ³	General population	Local
	DNEL	Short term Inhalation	260 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	221 mg/m ³	Workers	Local
	DNEL	Long term Oral	12.5 mg/kg bw/day	General population	Systemic
	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	Systemic
	DNEL	Short term Inhalation	442 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	442 mg/m ³	Workers	Systemic
ethylbenzene	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
	DMEL	Long term Inhalation	442 mg/m ³	Workers	Local
	DMEL	Short term Inhalation	884 mg/m ³	Workers	Systemic
1-methoxy-2-propanol	DNEL	Long term Oral	33 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	43.9 mg/m ³	General population	Systemic
	DNEL	Long term Dermal	78 mg/kg bw/day	General population	
	DNEL	Long term Dermal	183 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	369 mg/m ³	Workers	Systemic
	DNEL	Short term Inhalation	553.5 mg/m ³	Workers	Local
English (GB)			Europe		8/20

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SECTION 8: Exposure controls/personal protection

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	DNEL	Short term Inhalation	553.5 mg/m ³	Workers	Systemic
pyrithione zinc	DNEL	Long term Dermal	0.01 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	
	DNEL	Long term Oral	11 mg/kg bw/day	General population	Systemic
methanol	DNEL	Short term Oral	4 mg/kg bw/day	General population	Systemic
	DNEL	Long term Oral	4 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	4 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	4 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	20 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Dermal	20 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	26 mg/m ³	General population	Local
	DNEL	Long term Inhalation	26 mg/m ³	General population	Local
	DNEL	Short term Inhalation	26 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	26 mg/m³	General population	Systemic
	DNEL	Short term Inhalation	130 mg/m³	Workers	Local
	DNEL	Long term Inhalation	130 mg/m³	Workers	Local
	DNEL	Short term Inhalation	130 mg/m³	Workers	Systemic
	DNEL	Long term Inhalation	130 mg/m³	Workers	Systemic

PNECs

Product/ingredient name	Туре	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	-
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	-
1-methoxy-2-propanol	-	Fresh water	10 mg/l	Assessment Factors
	-	Marine water	1 mg/l	Assessment Factors
	-	Sewage Treatment Plant	100 mg/l	Assessment Factors
	-	Fresh water sediment	41.6 mg/kg	Equilibrium Partitioning
	-	Marine water sediment	4.17 mg/kg	Equilibrium Partitioning
	-	Soil	2.47 mg/kg	Equilibrium Partitioning
methanol	-	Fresh water	20.8 mg/l	Assessment Factors
	-	Marine water	2.08 mg/l	Assessment Factors
	-	Sewage Treatment Plant	100 mg/l	Assessment Factors
	-	Fresh water sediment	77 mg/kg	Equilibrium Partitioning
	-	Marine water sediment	7.7 mg/kg	Equilibrium Partitioning
	-	Soil	100 mg/kg	Assessment Factors

8.2 Exposure controls

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

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SECTION 8: Exposure	e c	controls/personal protection
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		-
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	1	Chemical splash goggles and face shield. Use eye protection according to EN 166.
Skin protection		
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.
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 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.

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SECTION 9: Physical and chemical properties

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

<u>Appearance</u>									
Physical state	:	Liquid.							
Colour	:	White.							
Odour	:	Characteristic.							
Odour threshold	:	Not available.							
Melting point/freezing point	:	May start to solidify a data for the following (-124.7°F)							
Initial boiling point and boiling range	:	>37.78°C							
Flammability	:	Not available.							
Jpper/lower flammability or explosive limits	:	Greatest known rang	ge: Lower:	1.48%	Upper:	13.749	% (1-me	thoxy-2-p	ropanol)
Flash point	:	Closed cup: 27°C							
Auto-ignition temperature	:								
		Ingredient name		°C		°F		Method	
		1-methoxy-2-propanol		270		518			
Decomposition temperature		Stable under recomm							
recomposition temperature	- ÷.	Stable under recomi	mended st	torage ar	nd han	dling co	onditions	s (see Sec	ction 7).
	:	Not applicable. insol		U	nd han	dling co	onditions	s (see Sec	ction 7).
bH	:		uble in wa	U	nd han	dling co	onditions	s (see Sec	ction 7).
pH Viscosity Partition coefficient: n-octanol/	:	Not applicable. insol Kinematic (40°C): >2	uble in wa	U	nd han	dling co	onditions	s (see Sec	ction 7).
oH /iscosity Partition coefficient: n-octanol/ water	:	Not applicable. insol Kinematic (40°C): >2	uble in wa	U	nd han	dling cc	onditions	s (see Sec	ction 7).
oH /iscosity Partition coefficient: n-octanol/ water	: : :	Not applicable. insol Kinematic (40°C): >2	uble in wa 21 mm²/s	U				、 	xtion 7). sure at 50°C
oH Viscosity Partition coefficient: n-octanol/ water	: : :	Not applicable. insol Kinematic (40°C): >2	uble in wa 21 mm²/s	iter.		20°C		、 	
oH /iscosity Partition coefficient: n-octanol/ vater	: : :	Not applicable. insol Kinematic (40°C): >2 Not applicable.	uble in wa 21 mm²/s Vapou	iter.	ure at :	20°C 10d	Vap mm	our pres	sure at 50°C
oH /iscosity Partition coefficient: n-octanol/ vater /apour pressure		Not applicable. insol Kinematic (40°C): >2 Not applicable.	uble in wa 21 mm²/s Vapou mm Hg 56.78	tter. Ir Pressu kPa 7.6	Meth OECD	20°C hod 104	Vap mm Hg	our press	sure at 50°C Method
oH /iscosity Partition coefficient: n-octanol/ vater /apour pressure		Not applicable. insol Kinematic (40°C): >2 Not applicable.	uble in wa 21 mm²/s Vapou mm Hg 56.78	tter. Ir Pressu kPa 7.6	Meth OECD	20°C hod 104	Vap mm Hg	our press	sure at 50°C Method
H /iscosity Partition coefficient: n-octanol/ vater /apour pressure Evaporation rate Relative density		Not applicable. insol Kinematic (40°C): >2 Not applicable. Ingredient name dimethyl carbonate Highest known value with butyl acetate	uble in wa 21 mm²/s Vapou mm Hg 56.78 e: 3.22 (dir	ir Pressi kPa 7.6 methyl ca	Metr OECD arbona	20°C nod 104 te) We	Vap mm Hg ighted a	our press kPa average: 1	Sure at 50°C Method
oH /iscosity Partition coefficient: n-octanol/ vater /apour pressure Evaporation rate Relative density /apour density		Not applicable. insol Kinematic (40°C): >2 Not applicable. Ingredient name dimethyl carbonate Highest known value with butyl acetate 1.41	uble in wa 21 mm²/s Vapou mm Hg 56.78 e: 3.22 (dir e: 3.7 (Air not explos	r Presso kPa 7.6 methyl ca = 1) (xy sive, but	ure at 1 Metr OECD arbona	20°C nod 104 te) We	Vap mm Hg ighted a	wour press kPa average: 1 rage: 3.5	Sure at 50°C Method .01compare (Air = 1)
oH /iscosity Partition coefficient: n-octanol/ vater /apour pressure Evaporation rate Relative density /apour density Explosive properties		Not applicable. insol Kinematic (40°C): >2 Not applicable. Ingredient name dimethyl carbonate Highest known value with butyl acetate 1.41 Highest known value The product itself is	uble in wa 21 mm²/s Vapou mm Hg 56.78 e: 3.22 (dir e: 3.7 (Air not explos air is poss	r Presso kPa 7.6 = 1) (xy sive, but ible.	Metr OECD arbona (lene). the for	20°C nod 104 te) We Weigh mation	Vap mm Hg ighted a	wour press kPa average: 1 rage: 3.5	Sure at 50°C Method .01compare (Air = 1)
oH /iscosity Partition coefficient: n-octanol/ vater /apour pressure Evaporation rate Relative density /apour density Explosive properties Oxidising properties		Not applicable. insol Kinematic (40°C): >2 Not applicable. Ingredient name dimethyl carbonate Highest known value with butyl acetate 1.41 Highest known value The product itself is vapour or dust with a	uble in wa 21 mm²/s Vapou mm Hg 56.78 e: 3.22 (dir e: 3.7 (Air not explos air is poss	r Presso kPa 7.6 = 1) (xy sive, but ible.	Metr OECD arbona (lene). the for	20°C nod 104 te) We Weigh mation	Vap mm Hg ighted a	wour press kPa average: 1 rage: 3.5	Sure at 50°C Method .01compare (Air = 1)
DH /iscosity Partition coefficient: n-octanol/ water /apour pressure Evaporation rate Relative density /apour density Explosive properties Dxidising properties article characteristics		Not applicable. insol Kinematic (40°C): >2 Not applicable. Ingredient name dimethyl carbonate Highest known value with butyl acetate 1.41 Highest known value The product itself is vapour or dust with a	uble in wa 21 mm²/s Vapou mm Hg 56.78 e: 3.22 (dir e: 3.7 (Air not explos air is poss	r Presso kPa 7.6 = 1) (xy sive, but ible.	Metr OECD arbona (lene). the for	20°C nod 104 te) We Weigh mation	Vap mm Hg ighted a	wour press kPa average: 1 rage: 3.5	Sure at 50°C Method .01compare (Air = 1)
pH Viscosity Partition coefficient: n-octanol/ water Vapour pressure Evaporation rate Relative density Vapour density Explosive properties Oxidising properties article characteristics Median particle size .2 Other information		Not applicable. insol Kinematic (40°C): >2 Not applicable. Ingredient name dimethyl carbonate Highest known value with butyl acetate 1.41 Highest known value The product itself is vapour or dust with a Product does not pre	uble in wa 21 mm²/s Vapou mm Hg 56.78 e: 3.22 (dir e: 3.7 (Air not explos air is poss	r Presso kPa 7.6 = 1) (xy sive, but ible.	Metr OECD arbona (lene). the for	20°C nod 104 te) We Weigh mation	Vap mm Hg ighted a	wour press kPa average: 1 rage: 3.5	Sure at 50°C Method .01compare (Air = 1)

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 products. 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 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
xylene	LD50 Dermal	Rabbit	1.7 g/kg	-
	LD50 Oral	Rat	4.3 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	-
1-methoxy-2-propanol	LC50 Inhalation Vapour	Rat	>7000 ppm	6 hours
	LD50 Dermal	Rabbit	13 g/kg	-
	LD50 Oral	Rat	5.2 g/kg	-
pyrithione zinc	LC50 Inhalation Dusts and	Rat	0.14 mg/l	4 hours
	mists		, s	
	LD50 Dermal	Rabbit	>2 g/kg	-
	LD50 Oral	Rat	177 mg/kg	-
1H-Pyrrole-3-carbonitrile, 4-bromo-2-	LC50 Inhalation Dusts and	Rat	<0.25 mg/l	4 hours
(4-chlorophenyl)-5-(trifluoromethyl)-	mists		Ū	
	LD50 Dermal	Rat	520 to 750 mg/kg	-
	LD50 Oral	Rat	28.7 mg/kg	-
Hydrocarbons, C9, aromatics > 0.1%	LD50 Dermal	Rabbit	>3160 mg/kg	-
cumene				
	LD50 Oral	Rat -	3492 mg/kg	-
		Female	0.0	
methanol	LC50 Inhalation Vapour	Rat	64000 ppm	4 hours
	LD50 Dermal	Rabbit	15800 mg/kg	-
	LD50 Oral	Rat	5600 mg/kg	-

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

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
ylene pyrithione zinc		Rabbit Rabbit		24 hours 500 mg 24 hours	- 24 hours

Conclusion/Summary

English (GB)	Europe	12/20
	-	

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (E	:U)
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Skin	: There are no data available on the mixture itself.
Eyes	: There are no data available on the mixture itself.
Respiratory	: There are no data available on the mixture itself.
Sensitisation	
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.

available on the mixture itself.
a٧

Teratogenicity

Reproductive toxicity

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
1-methoxy-2-propanol	Category 3	-	Narcotic effects
Hydrocarbons, C9, aromatics > 0.1% cumene	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
methanol	Category 1	-	-

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
ethylbenzene pyrithione zinc 1H-Pyrrole-3-carbonitrile, 4-bromo-2-(4-chlorophenyl)-5- (trifluoromethyl)-	Category 2 Category 1 Category 1	- - oral	hearing organs - central nervous system (CNS)
	Category 2	inhalation	()

Aspiration hazard

Product/ingredient name	Result
xylene ethylbenzene Hydrocarbons, C9, aromatics > 0.1% cumene	ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1
Information on likely : Not available.	

routes of exposure

Potential acute health effects

Inhalation	: Toxic if inhaled.

- Ingestion : Harmful if swallowed.
- **Skin contact** : Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.
- **Eye contact** : Causes serious eye damage.

Symptoms related to the physical, chemical and toxicological characteristics

English (GB)	Europe	13/20

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Inhalation	: Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: stomach pains reduced foetal weight increase in foetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: pain or irritation redness dryness cracking blistering may occur reduced foetal weight increase in foetal deaths skeletal malformations
Eye contact	: Adverse symptoms may include the following: pain watering redness
	cts as well as chronic effects from short and long-term exposure
Short term exposure Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health effe	icts
Not available.	
Conclusion/Summary	: Not available.
General	: May cause damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or 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	: May damage the unborn child.
Other information	: Not available.

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

English (GB)

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Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
ethylbenzene	Acute EC50 1.8 mg/l Fresh	Daphnia	48 hours
	water		
	Chronic NOEC 1 mg/l Fresh	Daphnia -	-
	water	Ceriodaphnia dubia	
1-methoxy-2-propanol	Acute LC50 23300 mg/l	Daphnia	48 hours
	Acute LC50 >4500 mg/l	Fish	96 hours
	Fresh water		
pyrithione zinc	Acute EC50 5.513 µg/l	Algae - Nitzschia	96 hours
	Marine water	pungens	
	Acute LC50 0.0082 mg/l	Daphnia	48 hours
	Chronic NOEC 1.889 µg/l	Algae - Nitzschia	96 hours
	Marine water	pungens	
	Chronic NOEC 0.0027 mg/l	Daphnia	21 days
1H-Pyrrole-3-carbonitrile, 4-bromo-2- (4-chlorophenyl)-5-(trifluoromethyl)-	Acute EC50 0.012 mg/l	Algae	72 hours
	Acute LC50 0.0015 mg/l	Daphnia	48 hours
	Acute LC50 0.0013 mg/l	Fish	96 hours
	Acute NOEC 0.00073 mg/l	Algae	72 hours
	Chronic NOEC 0.0002 mg/l	Daphnia	21 days
	Chronic NOEC 0.00017 mg/l	Fish	33 days
Hydrocarbons, C9, aromatics > 0.1% cumene	EC50 3.2 mg/l	Daphnia	48 hours
	LC50 9.2 mg/l	Fish	96 hours
methanol	Acute LC50 13 mg/l Fresh	Fish	96 hours
	water		

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

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
ethylbenzene pyrithione zinc Hydrocarbons, C9, aromatics > 0.1% cumene	- -	79 % - Readily - 10 days 39 % - 28 days 75 % - Readily - 28 days	- - -	-

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

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
kylene	-	-	Readily
ethylbenzene	-	-	Readily
pyrithione zinc	-	50%; < 28 day(s)	Not readily
Hydrocarbons, C9, aromatics > 0.1% cumene	-	-	Readily

12.3 Bioaccumulative potential

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SECTION 12: Ecological information

Product/ingredient name	LogPow	BCF	Potential
x ylene	3.12	7.4 to 18.5	Low
ethylbenzene	3.6	79.43	Low
1-methoxy-2-propanol	<1	-	Low
pyrithione zinc	0.9	0.9	Low
methanol	-0.77	-	Low

12.4 Mobility in soil

Soil/water partition	1	Not available.
coefficient (Koc)		
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 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.
Hazardous waste	: The classification of the product may meet the criteria for a hazardous waste.

European waste catalogue (EWC)

Waste code	Waste designation
08 01 11* waste paint and varnish containing organic solvents or other hazardous	
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	s not feasible.	,
Type of packaging		European waste cat	alogue (EWC)
Container	15 01 06	mixed packaging	

English (GB)	Europe	16/20

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU)	
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SECTION 13: Disposal considerations

Special precautions
 This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

14. Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	UN1992	UN1992	UN1992	UN1992
14.2 UN proper shipping name	FLAMMABLE LIQUID, TOXIC, N.O.S.	FLAMMABLE LIQUID, TOXIC, N.O.S.	FLAMMABLE LIQUID, TOXIC, N.O.S.	FLAMMABLE LIQUID, TOXIC, N.O.S.
	(xylene, pyrithione zinc)	(xylene, pyrithione zinc)	(xylene, pyrithione zinc)	(xylene, pyrithione zinc)
14.3 Transport hazard class(es)	3 (6.1)	3 (6.1)	3 (6.1)	3 (6.1)
14.4 Packing group	III	III	III	Ш
14.5 Environmental hazards	Yes.	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.
Marine pollutant substances	Not applicable.	Not applicable.	(pyrithione zinc, 1H- Pyrrole-3-carbonitrile, 4-bromo-2- (4-chlorophenyl)-5- (trifluoromethyl)-)	Not applicable.

Additional information

ADR/RID	 The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg. 	
Tunnel code	: (D/E)	
ADN	 The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg. 	
IMDG	The marine pollutant mark is not required when transported in sizes of ≤ 5 L or ≤ 5 kg.	
ΙΑΤΑ	The environmentally hazardous substance mark may appear if required by other transportation regulations.	
14.6 Special prec user	Exactions 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 Maritime tra	nsport in : Not applicable.	

14.7 Maritime transport in bulk according to IMO instruments

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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH)</u>

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.

Annex XVII - Restrictions : Restricted to professional users.

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

dangerous substances,

mixtures and articles

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	
H2 P5c E1	

15.2 Chemical safety

: No Chemical Safety Assessment has been carried out.

assessment

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

Full text of abbreviated H statements

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H 225		Highly flammable liquid and vapour.
H226		Flammable liquid and vapour.
H300		Fatal if swallowed.
H301		Toxic if swallowed.
H302		Harmful if swallowed.
H304		May be fatal if swallowed and enters airways.
H311		Toxic in contact with skin.
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.
H330		Fatal if inhaled.
H331		Toxic if inhaled.
H332		Harmful if inhaled.
H335		May cause respiratory irritation.
H336		May cause drowsiness or dizziness.
H350		May cause cancer.
H360D		May damage the unborn child.
H370		Causes damage to organs.
H372		Causes damage to organs through prolonged or repeated exposure
H373		May cause damage to organs through prolonged or repeated
		exposure.
H400		Very toxic to aquatic life.
H410		Very toxic to aquatic life with long lasting effects.
H411		Toxic to aquatic life with long lasting effects.
H412		Harmful to aquatic life with long lasting effects.
H413		May cause long lasting harmful effects to aquatic life.
EUH066		Repeated exposure may cause skin dryness or cracking.
Full text of classification	<u>s [CLP/GHS]</u>	
Acute Tox. 2		ACUTE TOXICITY - Category 2
Acute Tox. 3		ACUTE TOXICITY - Category 3
Acute Tox. 4 Aquatic Acute 1		ACUTE TOXICITY - Category 4 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1 Aquatic Chronic 2		LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Aquatic Chronic 2		LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Aquatic Chronic 3		LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 4
Asp. Tox. 1		ASPIRATION HAZARD - Category 1
Carc. 1B		CARCINOGENICITY - Category 1B
Eye Dam. 1		SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2		SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 2		FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3		FLAMMABLE LIQUIDS - Category 3
Repr. 1B		REPRODUCTIVE TOXICITY - Category 1B
Skin Irrit. 2		SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1		SKIN SENSITISATION - Category 1
STOT RE 1		SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE
		Category 1
STOT RE 2		SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE
		Category 2 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE -
STOT SE 1		Category 1
STOT SE 3		SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE -
		Category 3

Eng	lish (GB)	Europe	19/20

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SECTION 16: Other information		
History		

Date of issue/ Date of revision	: 21 October 2023
Date of previous issue	: 12 November 2022
Prepared by	: EHS
Version	: 1.01

<u>Disclaimer</u>

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