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

SAFETY DATA SHEET

Q8 Renoir



Product name : Q8 Renoir Viscosity or Type : NLGI 2 1.2 Relevant identified uses of the substance or mixture and uses advised against Material uses : grease 1.3 Details of the supplier of the safety data sheet Supplier : Kuwait Petroleum Companies in the Benelux Company Office: Brusselstraat 59, 2018 Antwerp, Belgium Contactaddress: Petroleumkaai 7, 2020 Antwerp, Belgium Tel. +32 3 247 38 11, Fax +32 3 216 03 42 Manufacturer / Distributor : Kuwait Petroleum Belgium N.V./S.A. / Q8Oils Italia S.r.I. Petroleumkaai 7 Via Volpedo 2 Belgium : SDSinfo@Q8.com, communication preferably in English only. Italy e-mail address of person responsible for this SDS : SDSinfo@Q8.com, communication preferably in English only. 1.4 Emergency telephone number : PCNinfo@Q8.com, communication preferably in English only. 1.4 Emergency telephone number : +44 (0) 1235 239 670 Global (English only) : +444 (0) 1865 407 333	1.1 Product identifier		
1.2 Relevant identified uses of the substance or mixture and uses advised against Material uses : grease 1.3 Details of the supplier of the safety data sheet Supplier : Kuwait Petroleum Companies in the Benelux Company Office: Brusselstraat 59, 2018 Antwerp, Belgium Contactaddress: Petroleumkaai 7, 2020 Antwerp, Belgium Tel. +32 3 247 38 11, Fax +32 3 216 03 42 Manufacturer / Distributor Kuwait Petroleum Belgium N.V./S.A. / Q8Oils Italia S.r.I. Petroleumkaai 7 B-2020 Antwerp Belgium Q8Oils Italia S.r.I. Via Volpedo 2 B-2020 Antwerp Belgium e-mail address of person responsible for this SDS : SDSinfo@Q8.com, communication preferably in English only. PCN Information contact : PCNinfo@Q8.com, communication preferably in English only. 1.4 Emergency telephone number Europe : +44 (0) 1235 239 670	Product name	: Q8 Renoir	
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Company Office: Brusselstraat 59, 2018 Antwerp, Belgium Contactaddress: Petroleumkaai 7, 2020 Antwerp, Belgium Tel. +32 3 247 38 11, Fax +32 3 216 03 42 Manufacturer / Distributor : Kuwait Petroleum Belgium N.V./S.A. / Q8Oils Italia S.r.I. Petroleumkaai 7 J Via Volpedo 2 B-2020 Antwerp J5050 Castellar Guidobono Belgium e-mail address of person responsible for this SDS : SDSinfo@Q8.com, communication preferably in English only. PCN Information contact : PCNinfo@Q8.com, communication preferably in English only. 1.4 Emergency telephone number Europe : +44 (0) 1235 239 670	1.3 Details of the supplier of	the safety data sheet	
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responsible for this SDS : SDSinfo@Q8.com, communication preferably in English only. PCN Information contact : PCNinfo@Q8.com, communication preferably in English only. 1.4 Emergency telephone number : +44 (0) 1235 239 670 Europe : +44 (0) 1235 239 670	Manufacturer / Distributor	Petroleumkaai 7 B-2020 Antwerp	Via Volpedo 2 15050 Castellar Guidobono (AL
PCN Information contact : PCNinfo@Q8.com, communication preferably in English only. 1.4 Emergency telephone number Europe : +44 (0) 1235 239 670		: SDSinfo@Q8.com. communication r	preferably in English only.
Europe : +44 (0) 1235 239 670 CARECHEM24	PCN Information contact	e	
CARECI LIVIZ-4	1.4 Emergency telephone nu	imber	
	Europe	: +44 (0) 1235 239 670	CARECHEM24
	Global (English only)	: +44 (0) 1865 407 333	1000 States
National advisory body/Poison Center	National advisory body/Po	ison Center	

SECTION 2: Hazards identification

Date of issue/Date of revision

2.1 Classification of the substance or mixture				
Product definition	: Mixture			
Classification according to	Regulation (EC) No. 1272/2008 [CLP/GHS]			
Not classified.				
The product is not classified	as hazardous according to Regulation (EC) 1272/2008 as amended.			
Ingredients of unknown toxicity	: None.			
Ingredients of unknown ecotoxicity	: None.			
See Section 11 for more detailed information on health effects and symptoms.				
2.2 Label elements				
Signal word	: No signal word.			
Hazard statements	: No known significant effects or critical hazards.			
Precautionary statements				
Prevention	: Not applicable.			

:17-02-2020

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: 08-09-2023 Date of previous issue

SECTION 2: Hazards identification

_	Response	1	Not applicable.
	Storage	1	Not applicable.
	Disposal	1	Not applicable.
	Supplemental label elements	:	Contains Naphthenic acids, bismuth salts. May produce an allergic reaction. Safety data sheet available on request.
	Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
	Detergents - Regulation (EC) No 648/2004	:	Not applicable.
	Special packaging requirem	en	<u>ts</u>
	Containers to be fitted with child-resistant fastenings	:	Not applicable.
	Tactile warning of danger	:	Not applicable.
	2.3 Other hazards		
	Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	Other hazards which do not result in classification	:	None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture					
Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
lithium complex grease based on biodegradable esters with additives	-	≥90	Not classified.	-	[2]
dilithium azelate	REACH #: 01-2120119814-57 EC: 254-184-4 CAS: 38900-29-7	≤10	Acute Tox. 4, H302	ATE [Oral] = 500 mg/kg	[1]
Naphthenic acids, bismuth salts	REACH #: 01-2120769500-56 EC: 288-470-5 CAS: 85736-59-0	<1	Eye Irrit. 2, H319 Skin Sens. 1, H317	-	[1]
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	EC: 270-128-1 CAS: 68411-46-1	<1	Repr. 2, H361f Aquatic Chronic 3, H412 See Section 16 for the full text of the H statements declared above.	-	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

SECTION 3: Composition/information on ingredients

Туре

[1] Substance classified with a health or environmental hazard

[2] Additional disclosure due to company policy

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

SECTION 4: First aid measures

4.1 Description of first aid measures Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and Skin contact ż shoes. Get medical attention if symptoms occur. Ingestion : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur **Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: No specific data.
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 , alcohol-resistant foam or water spray (fog).
Unsuitable extinguishing media	: Do not use water jet.
5.2 Special hazards arising	om the substance or mixture
Hazards from the substance or mixture	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide 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 i there is a fire. No action shall be taken involving any personal risk or without suitable training.

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

Q8 Renoir

SECTION 5: Firefight	ting measures
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: Acciden	tal release measures
6.1 Personal precautions, pr	otective 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 spilled material. Put on appropriate personal protective equipment.

- **For emergency responders** : If specialized 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 spilled 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).

6.3 Methods and materials for containment and cleaning up

Small spill	: Stop leak if without risk. Move containers from spill area. 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. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.
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).
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 in accordance with local regulations. 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. 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)		
Recommendations	: Not available.	

SECTION 7: Handling and storage

Industrial sector specific : Not available. solutions

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

Biological exposure indices

No exposure indices known.

Recommended monitoring procedures

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

DNELs/DMELs

Product/ingredient name	Туре	Exposure	Value	Population	Effects
dilithium azelate	DNEL	Long term Dermal	0.023 mg/	General	Local
Naphthenic acids, bismuth salts	DNEL	Long term Oral	cm² 0.227 mg/ kg bw/day	population General population	Systemic
	DNEL	Long term Dermal	0.227 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.635 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.789 mg/ m ³	General population	Systemic
	DNEL	Long term Inhalation	4.47 mg/m ³		Systemic
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	DNEL	Long term Oral	0.04 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.04 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.08 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.14 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	0.6 mg/m³	Workers	Systemic

PNECs

controls

No PNECs available.

Appropriate engineering

8.2 Exposure controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

SECTION 8: Exposure controls/personal protection

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 perio Appropriate techniques should be used to remove potentially contaminated clothin Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.	
Eye/face protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mist gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses wi side-shields.	S,
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 indicate this is necessary. Wear suitable gloves tested to EN374. Recommended: < 1 hour (breakthrough time): nitrile rubber 0.17 mm.	
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.	
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	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other importa aspects of use. Recommended: Boiling point > 65 °C: A1; Boiling point < 65 °C: AX1; Hot material: A1P2.	
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 proces 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.

9.1 Information on basic physical and chemical properties

<u>Appearance</u>							
Physical state	: Liquio	l. [Paste.]					
Appearance	: Smoo	oth grease					
Color	: Brow	: Brown.					
Odor	: Hydro	Hydrocarbon. [Slight]					
Odor threshold	: Not a	: Not available.					
Melting point/freezing point	: >260°C (>500°F)						
Initial boiling point and boiling range	: Not available.						
Flammability	: Not a	: Not applicable.					
Lower and upper explosion limit	: Not available.						
Flash point	: Open	cup: >150°C	(>302°F) [ASTM I	092.]			
Auto-ignition temperature	:						
Ingredient name		°C	°F	Method			
Benzenamine, N-phenyl-, reaction pro 2,4,4-trimethylpentene	500	932	EU A.15				

Decomposition temperature	: Not available.
рН	: Not applicable

Date of issue/Date of revision

N	Viscosity : Kinematic (40°C (104°F)): >20.5 mm ² /s (>20.5 cSt)			
8	Solubility(ies) :			
	Media	Result		
	cold water	Not soluble		
	hot water	Not soluble		
8	Solubility in water :	Not available.		
P	Partition coefficient: n-octanol/	Not applicable		

Partition coefficient: n-octanol/	а.	Not applicable
water		

Vapor pressure

: Not available.

	Vapor Pressure at 20°C			Vapor pressure at 50		
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	<0.01	<0.0013	EU A.4			
ensity	: <1	g/cm³ [15°C	(59°F)]			
apor density	: Not available.					
xplosive properties	: Not applicable.					
Dxidizing properties	: Not applicable.					
article characteristics						
Median particle size	: Not	: Not applicable.				

9.2 Other information

Oxidizing properties

9.2.1 Information with regard to physical hazard classes

- **Explosive properties** : Not applicable.
 - : Not applicable.
- 9.2.2 Other safety characteristics

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	:	No specific data.
10.5 Incompatible materials	:	No specific data.
10.6 Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	LD50 Oral	Rat	>5000 mg/kg	-

Date of issue/Date of revision

SECTION 11: Toxicological information

Conclusion/Summary : Not available.

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Q8 Renoir	5145.5	N/A	N/A	N/A	N/A
dilithium azelate	500	N/A	N/A	N/A	N/A

Irritation/Corrosion Conclusion/Summary : Not available. **Sensitization Conclusion/Summary** : Not available. **Mutagenicity Conclusion/Summary** : Not available. **Carcinogenicity Conclusion/Summary** : Not available. **Reproductive toxicity Conclusion/Summary** : Not available. **Teratogenicity Conclusion/Summary** : Not available. Specific target organ toxicity (single exposure) Not available.

<u>Specific target organ toxicity (repeated exposure)</u> Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure	:	Not available.
Potential acute health effects		
Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	÷	No known significant effects or critical hazards.

Symptoms related to t	he physical, chemical and toxicological characteristics
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: No specific data.
Ingestion	: No specific data.

Delayed and immediate effects and also 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	ects
Not available.	
Conclusion/Summary	: Not available.
General	: No known significant effects or critical hazards.
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.

11.2 Information on other hazards

11.2.1 Endocrine disrupting propertie

Not available.

11.2.2 Other information

Not available.

SECTION 12: Ecological information

1	2.1	Тох	icity	
-				

Conclusion/Summary : Not available.

12.2 Persistence and degradability

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	5.1	1730	High

12.4 Mobility in soil

Soil/water partition	: 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 minimized 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	: Yes.

European waste catalogue (EWC)

Waste code	Waste designation
13 08 99*	wastes not otherwise specified
Packaging	
Methods of disposal	: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

: This material and its container must be disposed of in a safe way. Empty containers **Special precautions** or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.

user

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.

: Not available. 14.7 Maritime transport in bulk according to IMO instruments

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 authorization Annex XIV None of the components are listed.
Substances of very high concern None of the components are listed.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles No listed substance
Other EU regulations Industrial emissions : Not listed (integrated pollution prevention and control) - Air
Industrial emissions : Not listed (integrated pollution prevention and control) - Water
Explosive precursors : Not applicable. Ozone depleting substances (1005/2009/EU) Not listed.
Prior Informed Consent (PIC) (649/2012/EU) Not listed.
Persistent Organic Pollutants Not listed.
Seveso Directive This product is not controlled under the Seveso Directive. <u>National regulations</u> <u>Germany</u>
Hazard class for water : 1 (WGK) Switzerland
VOC content : Exempt.
International regulations Chemical Weapon Convention List Schedules I, II & III Chemicals Not listed.
Montreal Protocol Not listed.
Stockholm Convention on Persistent Organic Pollutants Not listed.
Rotterdam Convention on Prior Informed Consent (PIC) Not listed.
UNECE Aarhus Protocol on POPs and Heavy Metals Not listed.
Inventory list

SECTION 15: Regulatory information

Australia	1	All components are listed or exempted.
Canada	1	All components are listed or exempted.
China	:	All components are listed or exempted.
Eurasian Economic Union	:	Russian Federation inventory: Not determined.
Japan	:	Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined.
New Zealand	1	All components are listed or exempted.
Philippines	:	Not determined.
Republic of Korea	1	Not determined.
Taiwan	1	All components are listed or exempted.
Thailand	1	Not determined.
Turkey	1	Not determined.
United States of America	1	Not determined.
Viet Nam	1	Not determined.
15.2 Chemical Safety	:	This product contains substances for which Chemical Safety Assessments are s

Assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Indicates information that	at has changed from previously issued version.
Indicates information that Abbreviations and acronyms	at has changed from previously issued version. : ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road ASTM = American Society for Testing and Materials ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor CAS = Chemical Abstracts Service CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DIN = German Institute for Standardization DMEL = Derived Minimal Effect Level DNEL = Derived Minimal Effect Level DNEL = Derived Minimal Effect Level EC = European Commission ECS0 = Half maximal effective concentration EN = European Standard (Norm) EUH statement = CLP-specific Hazard statement GHS - Globally Harmonized System of Classification and Labeling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container ICS0 = Half maximal infibitory concentration IMDG = International Maritime Dragnerous Goods IMO = International Maritime Organisation ISO = International Maritime Organisation ISO = International Maritime Organisation ISO = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available NOAEL / NOAEC = No Observed Adverse Effect Level / Concentration MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available NOAEL / NOAEC = No Observed Adverse Effect Level / Concentration OECD = Organisation for Economic Co-operation and Development OEL = Occupational Exposure Limit PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals

SECTION 16: Other information

Regulation [Regulation (EC) No. 1907/2006]
RID = The Regulations concerning the International Carriage of Dangerous Goods
by Rail
SDS = Safety Data Sheet
SVHC = Substances of Very High Concern
STEL = Short Term Exposure Limit
TLV = Threshold Limit Value
TWA = Time Weighted Average
UFI = Unique Formula Identifier
UN = United Nations
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

Full text of abbreviated H statements

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H361f	Suspected of damaging fertility.
H412	Harmful to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS]

Acute Tox. 4 Aquatic Chronic 3 Eye Irrit. 2 Repr. 2 Skin Sens. 1	ACUTE TOXICITY - Category 4 AQUATIC HAZARD (LONG-TERM) - Category 3 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 TOXIC TO REPRODUCTION - Category 2 SKIN SENSITIZATION - Category 1
Training advice	: Ensure operatives are trained to minimise exposures.
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The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.