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

# SAFETY DATA SHEET

# **Q8 Auto 25**



#### SECTION 1: Identification of the substance/mixture and of the company/ undertaking 1.1 Product identifier **Product name** : Q8 Auto 25 1.2 Relevant identified uses of the substance or mixture and uses advised against Material uses : Lubricating oil for automotive transmissions 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.l. 1 Petroleumkaai 7 Via Volpedo 2 B-2020 Antwerp 15050 Castellar Guidobono (AL) Belgium Italy 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. ŝ, 1.4 Emergency telephone number Europe : +44 (0) 1235 239 670 CARECHEM24 **Global (English only)** : +44 (0) 1865 407 333 National advisory body/Poison Center

: Poison Centre : +32 (0)70 245 245

# **SECTION 2: Hazards identification**

**Belgium** 

2.1 Classification of the sub	stance or mixture
Product definition	: Mixture
Classification according to Not classified.	Regulation (EC) No. 1272/2008 [CLP/GHS]
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 deta	ailed 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	
General	<ul> <li>P103 - Read carefully and follow all instructions.</li> <li>P102 - Keep out of reach of children.</li> <li>P101 - If medical advice is needed, have product container or label at hand.</li> </ul>

# **SECTION 2: Hazards identification**

Prevention	: Not applicable.
Response	: Not applicable.
Storage	: Not applicable.
Disposal	: Not applicable.
Supplemental label elements	: 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	ents
Containers to be fitted with child-resistant fastenings	: Not applicable.
Tactile warning of danger	: Not applicable.
2.3 Other hazards	
Product meets the criteria for PBT or vPvB 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**

3.2 Mixtures	: Mixture				
Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	REACH #: 01-2119474889-13 EC: 276-738-4 CAS: 72623-87-1 Index: 649-483-00-5	≥90	Asp. Tox. 1, H304	-	[1] [2]
			See Section 16 for the full text of the H statements declared above.		

The mineral base oils contained in this product are severely refined and contain less than 3% DMSO extract according to IP 346 method, and are therefore not classified as carcinogen according to Regulation (EC) No 1272/2008, note L.

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

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

# **SECTION 4: First aid measures**

4.1 Description of first aid r	measures
Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
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.

## 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	: Adverse symptoms may include the following: irritation 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 <sub>2</sub> , alcohol-resistant foam or water spray (fog).
Unsuitable extinguishing media	: Do not use water jet.

5.2 Special hazards arising from 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		

# **SECTION 5: Firefighting measures**

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.
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, pro	ote	ctive 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. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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 fo	or c	ontainment 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

### **SECTION 7: Handling and storage**

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.

: Not available.

Industrial sector specific 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**

Product/ingredient name	Exposure limit values
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	Limit values (Belgium, 5/2021). [] TWA: 5 mg/m³ 8 hours. Form: mist STEL: 10 mg/m³ 15 minutes. Form: mist
procedures atmosphere or b of the ventilation protective equip the following: E the assessment limit values and atmospheres - 0 of exposure to o (Workplace atm for the measure	ontains ingredients with exposure limits, personal, workplace biological monitoring may be required to determine the effectiveness in or other control measures and/or the necessity to use respiratory oment. Reference should be made to monitoring standards, such as suropean Standard EN 689 (Workplace atmospheres - Guidance for t of exposure by inhalation to chemical agents for comparison with measurement strategy) European Standard EN 14042 (Workplace Guide for the application and use of procedures for the assessment chemical and biological agents) European Standard EN 482 nospheres - General requirements for the performance of procedures ement of chemical agents) Reference to national guidance methods for the determination of hazardous substances will also be

#### **DNELs/DMELs**

Product/ingredient name	Туре	Exposure	Value	Population	Effects
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	DNEL	Long term Oral	0.74 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.97 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1.19 mg/m <sup>3</sup>	General population	Local
	DNEL	Long term Inhalation	2.73 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Inhalation	5.58 mg/m <sup>3</sup>	Workers	Local

#### **PNECs**

No PNECs available.

### 8.2 Exposure controls

# Appropriate engineering 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	re eating, smoking and using the opriate techniques should be use	ughly after handling chemical products, avatory and at the end of the working period. d to remove potentially contaminated clothing. susing. Ensure that eyewash stations and tation location.
Eye/face protection	essment indicates this is necessar es or dusts. If contact is possible,	roved standard should be used when a risk y to avoid exposure to liquid splashes, mists, the following protection should be worn, her degree of protection: safety glasses with
Skin protection		
Hand protection	orn at all times when handling chost is necessary. Wear suitable glove	complying with an approved standard should emical products if a risk assessment indicates es tested to EN374. Recommended: < 1 er 0.17 mm. Provide employee with skin
Body protection		body should be selected based on the task d and should be approved by a specialist
Other skin protection		al skin protection measures should be ormed and the risks involved and should be ng this product.
Respiratory protection	opriate standard or certification. I iratory protection program to ensu	exposure, select a respirator that meets the Respirators must be used according to a ire proper fitting, training, and other important ng point > 65 °C: A1; Boiling point < 65 °C:
Environmental exposure controls	ire they comply with the requireme	cess equipment should be checked to ents of environmental protection legislation. or engineering modifications to the process e 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	: Liquid. [Oily liquid.]
Appearance	: Clear.
Color	: Red.
Odor	: Characteristic.
Odor threshold	: Not available.
Melting point/freezing point	: <-42°C (<-43.6°F)
Initial boiling point and boiling range	: >300°C (>572°F)
	. Natarriashia
Flammability	: Not applicable.
Lower and upper explosion limit	: Not available.
Flash point	: Open cup: 200°C (392°F) [ASTM D92.]
Auto-ignition temperature	: >300°C (>572°F)
Decomposition temperature	: >300°C
рН	: 7
Viscosity	<ul> <li>Kinematic (40°C (104°F)): 29.6 mm<sup>2</sup>/s (29.6 cSt)</li> <li>Kinematic (100°C (212°F)): 6.4 mm<sup>2</sup>/s (6.4 cSt)</li> </ul>
Solubility(ies)	:
Date of issue/Date of revision	: 09-05-2023 Date of previous issue : 09-05-2023

# **SECTION 9: Physical and chemical properties**

Media		Result
cold water		Not soluble
hot water		Not soluble
Solubility in water	:	<0.03 g/l
Partition coefficient: n-octanol/ water	:	Not applicable.
Vapor pressure	:	<0.01 kPa (<0.075006 mm Hg)
Relative density	1	0.84
Vapor density	:	Not available.
Explosive properties	1	Not applicable.
Oxidizing properties	1	Not applicable.
Particle characteristics		
Median particle size	1	Not applicable.

### 9.2 Other information

Not available.

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	: Reactive or incompatible with the following materials: Strong oxidizing materials	
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 of	classes as defined in Regulation (EC) No 1272/2008
Acute toxicity	
<b>Conclusion/Summary</b>	: Not available.
Acute toxicity estimates	
N/A	
Irritation/Corrosion	
<b>Conclusion/Summary</b>	: Not available.
Sensitization	
<b>Conclusion/Summary</b>	: Not available.
<u>Mutagenicity</u>	
<b>Conclusion/Summary</b>	: Not available.
<b>Carcinogenicity</b>	
<b>Conclusion/Summary</b>	: Not available.
Reproductive toxicity	

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SECTION 11: Toxico	ological information	
Conclusion/Summary	: Not available.	
<b>Teratogenicity</b>		
Conclusion/Summary	: Not available.	
Specific target organ toxic	<u>ity (single exposure)</u>	
Not available.		
Specific target organ toxic	ity (repeated exposure)	
Not available.	THE REPORTED AND CONTRACT	
Aspiration hazard		
	/ingredient name	Result
Lubricating oils (petroleum), based	, C20-50, hydrotreated neutral oil-	ASPIRATION HAZARD - Category 1
Information on the likely routes of exposure	: Not available.	
Potential acute health effect	t <u>s</u>	
Eye contact	: No known significant effects o	or critical hazards.
Inhalation	: No known significant effects o	or critical hazards.
Skin contact	: Defatting to the skin. May cau	use skin dryness and irritation.
Ingestion	: No known significant effects of	-
Symptoms related to the ph	vsical, chemical and toxicologic	al characteristics
Eye contact	: No specific data.	
Inhalation	No specific data.	
Skin contact	: Adverse symptoms may inclu	de the following:
	irritation	······································
	dryness	
Ingestion	cracking : No specific data.	
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	cts and also chronic effects fron	n 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 eff	fects	
Not available.		
Conclusion/Summary	: Not available.	
General	: Prolonged or repeated contac or dermatitis.	t can defat the skin and lead to irritation, cracking and/
Carcinogenicity	: No known significant effects o	or critical hazards.
Mutagenicity	: No known significant effects o	
Reproductive toxicity	: No known significant effects o	
Reproductive toxicity	: No known significant effects c	or critical hazards.

### 11.2 Information on other hazards

# **SECTION 11: Toxicological information**

### 11.2.1 Endocrine disrupting properties

Not available.

# 11.2.2 Other information

Not available.

### **SECTION 12: Ecological information**

### 12.1 Toxicity

**Conclusion/Summary** : Not available.

### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available.

### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	>6	-	high

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: 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 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 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
Packaging	

#### Packaging

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

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### **SECTION 13: Disposal considerations**

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.
Special precautions	:	This material and its container must be disposed of in a safe way. Empty containers 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.

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

## SECTION 15: Regulatory information

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

Annex XIV - List of substances subject to authorization

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Annex XIV
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None of the components are listed.

Substances of very high concern

None of the components are listed.

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

Other EU regulations **Industrial emissions** : Not listed (integrated pollution prevention and control) -Air

# **SECTION 15: Regulatory information**

-		-
Industrial emissions (integrated pollution prevention and control) - Water	:	Not listed
Ozone depleting substance	<u>es</u>	<u>(1005/2009/EU)</u>
Not listed.		
Prior Informed Consent (PI	IC)	<u>(649/2012/EU)</u>
Not listed.		
Persistent Organic Pollutan Not listed.	nts	
Seveso Directive		
This product is not controlled	l ui	nder the Seveso Directive.
National regulations		
<u>Germany</u>		
Hazard class for water (WGK)	:	1
Switzerland		
VOC content	:	Exempt.
International regulations		
Chemical Weapon Conventi	on	List Schedules I, II & III Chemicals
Not listed.		
Montreal Protocol		
Not listed.		
Stockholm Convention on P	Per	sistent Organic Pollutants
Not listed.		
Rotterdam Convention on P	rio	r Informed Consent (PIC)
Not listed.		
UNECE Aarhus Protocol on	PC	DPs and Heavy Metals
Not listed.		
Inventory list		
Australia	:	All components are listed or exempted.
Canada	:	All components are listed or exempted.
China	:	All components are listed or exempted.
Eurasian Economic Union	:	Russian Federation inventory: All components are listed or exempted.
Japan	:	Japan inventory (CSCL): All components are listed or exempted. Japan inventory (ISHL): Not determined.
New Zealand	:	All components are listed or exempted.
Philippines	1	All components are listed or exempted.
Republic of Korea		All components are listed or exempted.
Taiwan		All components are listed or exempted.
Thailand		All components are listed or exempted.
Turkey		All components are listed or exempted.
United States of America		All components are active or exempted.
Viet Nam	÷	All components are listed or exempted.
5.2 Chemical Safety	:	Chemical Safety Assessments for all substances in this product are either
No o o o o o o o o o o o o o o o o o o		ar Natappliable

15.2 Chemical Safety	: Chemical Safety Assessments for all substances in this product are either Complete
Assessment	or Not applicable.

# **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

Indicates information	on that has changed from previously issued version.
Abbreviations and acronyms	: ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
	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 No Effect Level
	EC = European Commission
	EC50 = 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
	IC50 = Half maximal inhibitory concentration
	IMDG = International Maritime Dangerous Goods
	IMO = International Maritime Organisation
	ISO = International Organization for Standardization
	LC50 = Median lethal concentration
	LD50 = Median lethal dose
	LOAEL / LOAEC = Lowest 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
	NOEL / NOEC = No Observed 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
	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
	vrvd - very reisistent and very dioaccumulative

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

Not classified.

The mineral base oils contained in this product are severely refined and contain less than 3% DMSO extract according to IP 346 method, and are therefore not classified as carcinogen according to Regulation (EC) No 1272/2008, note L.

Note L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 "Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method", Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.

### Full text of abbreviated H statements

### **SECTION 16: Other information**

H304

May be fatal if swallowed and enters airways.

### Full text of classifications [CLP/GHS]

Asp. Tox. 1	ASPIRATION HAZARD - Category 1		
Training advice	: Ensure operatives are trained to minimise exposures.		
Date of printing	: 09-05-2023		
Date of issue/ Date of revision	: 09-05-2023		
Date of previous issue	e : 09-05-2023		
Version	: 1.09		
Prepared by	: Kuwait Petroleum Research & Technology B.V., The Netherlands		
Notice to reader			

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.