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

SAFETY DATA SHEET

Q8 Hunt HV 46



SECTION 1: Identification of the substance/mixture and of the company/ undertaking 1.1 Product identifier **Product name** : Q8 Hunt HV 46 1.2 Relevant identified uses of the substance or mixture and uses advised against Material uses : Lubricating oil for hydraulic equipment 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. 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

: 11-05-2023 Date of previous issue

SECTION 2: Hazards identification

Belgium

Date of issue/Date of revision

2.1 Classification of the su	bstance or mixture
Product definition	: Mixture
Classification according t Not classified.	o 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 de	tailed 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.
Response	: Not applicable.

:01-11-2019

Version : 1.02

1/13

SECTION 2: Hazards identification

Storage	1	Not applicable.
Disposal	1	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	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	:	Prolonged or repeated contact may dry skin and cause irritation.
SECTION 3: Compos	iti	on/information on ingredients

SECTION 3: Composition/information on ingredients

3.2 Mixtures	: Mixture				
Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
Poly alkyl methacrylate	-	≤5	Eye Irrit. 2, H319 See Section 16 for the full text of the H statements declared above.	-	[1]

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>

[7] Substance classified with a health or environmental hazard

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. Continue to rinse for at least 10 minutes. Get medical attention.

SECTION 4: First aid measures

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. High pressure skin injections are serious medical emergencies. Injury will not appear serious at first. Within a few hours, tissue will become swollen, discolored and extremely painful.
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/	<u>symptoms</u>
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 ₂ , alcohol-resistant foam or water spray (fog).
Unsuitable extinguishing media	: Do not use water jet.
5.2 Special hazards arising f	rom the substance or mixture
Hazards from the	: In a fire or if heated, a pressure increase will occur and the container may burst.

substance or mixture		
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide	

5.3 Advice for firefighters

Date of issue/Date of revision	: 11-05-2023	Date of previous issue	:01-11-2019	
--------------------------------	--------------	------------------------	-------------	--

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	te	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 for	r 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 ha	andling
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

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

Q8 Hunt HV 46

SECTION 7: Handling and storage

Do not store above the following temperature: 50°C (122°F). 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.

Industrial sector specific solutions

: Not available.

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.

Recommended monitoring procedures If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. 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

No DNELs/DMELs available.

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 measu	res	<u>5</u>
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. 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, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection		

SECTION 8: Exposure controls/personal 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. Wear suitable gloves tested to EN374. Recommended: < 1 hour (breakthrough time): nitrile rubber 0.17 mm. Provide employee with skin care programmes.
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 important 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 process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

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

<u>Appearance</u>		
Physical state	: L	Liquid.
Appearance	: 0	Dily liquid.
Color	: Y	Yellowish-brown. [Light]
Odor	: 0	Characteristic.
Odor threshold	: N	Not available.
Melting point/freezing point	: N	Not available.
Initial boiling point and boiling range	: >	>320°C (>608°F)
Flammability	: N	Not available.
Lower and upper explosion limit		Lower: 0.6% Jpper: 6.5%
Flash point	: 🔽	open cup: >220°C (>428°F) [ASTM D 92]
Auto-ignition temperature	: >	>250°C (>482°F)
Decomposition temperature	: N	Not available.
рН	: ▶	ot applicable.
Viscosity	: 🕨	Kinematic (40°C (104°F)): 46 mm²/s (46 cSt) [ASTM D 445]
Solubility(ies)	:	
Media		Result
<mark>¢o</mark> ld water		Not soluble
hot water		Not soluble
Partition coefficient: n-octanol/ water	: ▶	ot applicable.
Vapor pressure	: 🕨	ot available.
Density	: 🛛	7.86 to 0.87 g/cm³ [15°C (59°F)] [ASTM D 4052]
Vapor density	: N	Not available.
Explosive properties	: N	Not available.
Date of issue/Date of revision	: 11-(05-2023 Date of previous issue : 01-11-2019 Version : 1.02 6/13

9.1 Information on basic physical and chemical properties

SECTION 9: Physical and chemical properties			
Oxidizing properties	: Not applicable.		
Particle characteristics			
Median particle size	: 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

Conclusion/Summary	• Not available
Acute toxicity estimates	· Not available.
N/A	
Irritation/Corrosion	
Conclusion/Summary	: Not available.
Sensitization	
Conclusion/Summary	: Not available.
<u>Mutagenicity</u>	
Conclusion/Summary	: Not available.
Carcinogenicity	
Conclusion/Summary	: Not available.
Reproductive toxicity	
Conclusion/Summary	: Not available.
Teratogenicity	
Conclusion/Summary	: Not available.
Specific target organ toxic	<u>city (single exposure)</u>
Not available.	
Specific target organ toxic	sity (repeated exposure)
Not available.	sity (repeated exposure)
ivut avallable.	
Aspiration hazard	
Not available.	

	ological information
nformation on the likely outes of exposure	: Not available.
Potential acute health effec	<u>ts</u>
Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Defatting to the skin. May cause skin dryness and irritation.
Ingestion	: No known significant effects or critical hazards.
Symptoms related to the pr	nysical, chemical and toxicological characteristics
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation dryness cracking
Ingestion	: No specific data.
Selected and the selected of t	and an effective structure of the destructure of the effective destructure of the sector of the sect
Short term exposure Potential immediate	ects and also chronic effects from short and long term exposure : Not available.
Short term exposure Potential immediate effects	: Not available.
Short term exposure Potential immediate effects Potential delayed effects	: Not available.
Short term exposure Potential immediate effects	: Not available.
Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate	 Not available. Not available. Not available.
Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects	 Not available. Not available. Not available. Not available.
Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects	 Not available. Not available. Not available. Not available.
Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects Potential chronic health effects	 Not available. Not available. Not available. Not available.
Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects Potential chronic health effects Not available.	 Not available. Not available. Not available. Not available.
Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects Potential delayed effects Potential chronic health effects Not available. Conclusion/Summary	 Not available. Not available. Not available. Not available. ffects Not available. Frolonged or repeated contact can defat the skin and lead to irritation, cracking and
Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects Potential delayed effects Potential chronic health effects Not available. Conclusion/Summary General	 Not available. Not available. Not available. Not available. ffects Not available. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and or dermatitis.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

Not available.

SECTION 12: Ecological information

12.1 Toxicity

Conclusion/Summary : N

: Not available.

12.2 Persistence and degradability

Conclusion/Summary : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Q8 Hunt HV 46	-	-	Inherent

Date of issue/Date of revision

: 11-05-2023 Date of previous issue

issue : 01-11-2019

SECTION 12: Ecological information

12.3 Bioaccumulative potential

Not available.

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 01 10*	mineral based non-chlorinated hydraulic oils
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.
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

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.

14.6 Special precautions for user

: **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 <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	:	Not applicable.
Other EU regulations		
Industrial emissions (integrated pollution prevention and control) - Air	:	Not listed
Industrial emissions (integrated pollution prevention and control) - Water	:	Not listed
Ozone depleting substanc	es	<u>(1005/2009/EU)</u>
Not listed.		

Prior Informed Consent (PIC) (649/2012/EU) Not listed.

Conforms to Regulation (EC) 2020/878 - Belgium	No. 1907/2006 (REACH), Annex II, as amended by Commission Regu
Q8 Hunt HV 46	
SECTION 15: Regulat	tory information
Persistent Organic Pollutar	-
Not listed.	
Seveso Directive	
This product is not controlled	under the Seveso Directive.
National regulations	
Germany	
Hazard class for water (WGK)	: 1
Switzerland	
VOC content	: Exempt.
International regulations	
Chemical Weapon Convention	on List Schedules I, II & III Chemicals
Not listed.	
Montreal Protocol	
Not listed.	
Stockholm Convention on P Not listed.	ersistent Organic Pollutants
Rotterdam Convention on P Not listed.	rior Informed Consent (PIC)
UNECE Aarhus Protocol on	POPa and Hasser Matela
Not listed.	r or s and fleavy metals
Inventory list	
Australia	: Not determined.
Canada	: Not determined. : Not determined.
China Europian Economia Union	
Eurasian Economic Union	: Russian Federation inventory: Not determined.
Japan	: Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: Not determined.
Thailand	: Not determined.
Turkey	: Not determined.
United States of America	: Not determined.
Viet Nam	: Not determined.
15.2 Chemical Safety	: This product contains substances for which Chemical Safety Assessr

Assessment

ments are still required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

SECTION 16: Other information		
Abbreviations and	: ADN = European Provisions concerning the International Carriage of Dangerous	
acronyms	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	
	vOc – volatile organic compound vPvB = Very Persistent and Very Bioaccumulative	
Procedure used to derive		
FICEULIE USEA LO GERIVO	e 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

H319	Causes serious eye irritation.						
Date of issue/Date of	frevision	: 11-05-2023	Date of previous issue	:01-11-2019	Version	: 1.02	12/13

SECTION 16: Other information

Full text of classifications [CLP/GHS]		
₽ye Irrit. 2	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2	
Training advice	: Ensure operatives are trained to minimise exposures.	
Date of printing	: 11-05-2023	
Date of issue/ Date of revision	: 11-05-2023	
Date of previous issue	e : 01-11-2019	
Version	: 1.02	
Prepared by	: Kuwait Petroleum Research & Technology B.V., The Netherlands	
No.Constanting		

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.