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

1.1 Product identifier

Trade name	:	Helix HX3 15W-40
Product code	:	001C9591

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture	:	Engine oil.
Uses advised against	:	This product must not be used in applications other than those listed in Section 1 without first seeking the advice of the supplier.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier :	Shell UK Oil Products Limited Shell Centre London SE1 7NA United Kingdom
Telephone :	(+44) 08007318888
Telefax :	
Email Contact for Safety Data : Sheet	If you have any enquiries about the content of this SDS please email lubricantSDS@shell.com
1.4 Emergency telephone numbe	r

: +44-(0) 151-350-4595

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.2 Label elements

Labelling according to EC Directives:

Hazard symbols

	No Hazard Symbol required	
R-phrase(s)	:	Not classified.
S-phrase(s)	:	Not classified.

:

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2.3 Other hazards

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

Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.

Used oil may contain harmful impurities.

Not classified as flammable but will burn.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature	 Highly refined mineral oils and additives. The highly refined mineral oil contains <3% (w/w) DMSO- extract, according to IP346.
	 * contains one or more of the following CAS-numbers (REACH registration numbers): 64742-53-6 (01-2119480375- 34), 64742-54-7 (01-2119484627-25), 64742-55-8 (01- 2119487077-29), 64742-56-9 (01-2119480132-48), 64742-65- 0 (01-2119471299-27), 68037-01-4 (01-2119486452-34), 72623-86-0 (01-2119474878-16), 72623-87-1 (01- 2119474889-13), 8042-47-5 (01-2119487078-27), 848301-69- 9 (01-0000020163-82).

Hazardous components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.	(REGULATION	[%]
	Registration	(EC) No	
	number	1272/2008)	
Interchangeable low		Asp. Tox.1; H304	0 - 90
viscosity base oil			
(<20,5 cSt @40°C) *			

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	Not expected conditions.	to be a health hazard when used	under normal
Protection of first	-aiders :	appropriate pe	tering first aid, ensure that you an ersonal protective equipment acco and surroundings.	•
If inhaled	:		necessary under normal condition ersist, obtain medical advice.	s of use.
In case of skin co	ontact :	Remove conta	aminated clothing. Flush exposed	area with
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	water and follow by washing with soa If persistent irritation occurs, obtain r	•
In case of eye contact	: Flush eye with copious quantities of If persistent irritation occurs, obtain r	
If swallowed	: In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.	
4.2 Most important symptoms a	nd effects, both acute and delayed	
Symptoms	 Oil acne/folliculitis signs and symptoms may include formation of black pustules and spots on the skin of exposed areas. Ingestion may result in nausea, vomiting and/or diarrhoea. 	
4.3 Indication of any immediate	medical attention and special treatmen	t needed
Treatment	: Notes to doctor/physician: Treat symptomatically.	

SECTION 5: Firefighting measures

5.1 Extinguishing media

0		
Suitable extinguishing media	Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.	
Unsuitable extinguishing media	: Do not use water in a jet.	
5.2 Special hazards arising from	the substance or mixture	
Specific hazards during firefighting	 Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide may be evolved if incomplete combustion occurs. Unidentified organic and inorganic compounds. 	
5.3 Advice for firefighters		
Special protective equipment for firefighters	: Proper protective equipment including chemical resistant gloves are to be worn; chemical resistant suit is indicated if large contact with spilled product is expected. Self-Contained Breathing Apparatus must be worn when approaching a fire in a confined space. Select fire fighter's clothing approved to relevant Standards (e.g. Europe: EN469).	
Specific extinguishing methods	 Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. 	

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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Personal precautions	 6.1.1 For non emergency personnel: Avoid contact with skin and eyes. 6.1.2 For emergency responders: Avoid contact with skin and eyes. 	
6.2 Environmental precautions		
Environmental precautions	tal precautions : Use appropriate containment to avoid env contamination. Prevent from spreading or ditches or rivers by using sand, earth, or o barriers.	
	Local authorities should be advised if sig cannot be contained.	gnificant spillages
6.3 Methods and materials for cor	ntainment and cleaning up	
Methods for cleaning up	 Slippery when spilt. Avoid accident Prevent from spreading by making or other containment material. Reclaim liquid directly or in an absor Soak up residue with an absorbent suitable material and dispose of pro- 	a barrier with sand, earth orbent. such as clay, sand or other

6.4 Reference to other sections

For guidance on selection of personal protective equipment see Chapter 8 of this Safety Data Sheet., For guidance on disposal of spilled material see Chapter 13 of this Safety Data Sheet.

SECTION 7: Handling and storage

General Precautions	 Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.
7.1 Precautions for safe handlin	g
Advice on safe handling	 Avoid prolonged or repeated contact with skin. Avoid inhaling vapour and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires.
Product Transfer	 This material has the potential to be a static accumulator. Proper grounding and bonding procedures should be used during all bulk transfer operations.
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7.2 Conditions for safe storage	e, including any incompatibilities	
Other data	: Keep container tightly closed and in place. Use properly labeled and closed	
	Store at ambient temperature.	
	Refer to section 15 for any additiona covering the packaging and storage	
	The storage of this product may be Pollution (Oil Storage) (England) Re guidance may be obtained from the agency office.	gulations. Further
Packaging material	: Suitable material: For containers or steel or high density polyethylene. Unsuitable material: PVC.	container linings, use mild
Container Advice	: Polyethylene containers should not temperatures because of possible ri	
7.3 Specific end use(s)		
Specific use(s)	: Not applicable	

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Oil mist, mineral		TWA	5 mg/m3	US. ACGIH Threshold Limit Values

Biological occupational exposure limits

No biological limit allocated.

Monitoring Methods

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. For some substances biological monitoring may also be appropriate.

Validated exposure measurement methods should be applied by a competent person and samples analysed by an accredited laboratory.

Examples of sources of recommended exposure measurement methods are given below or contact

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the supplier. Further national methods may be available.

National Institute of Occupational Safety and Health (NIOSH), USA: Manual of Analytical Methods http://www.cdc.gov/niosh/

Occupational Safety and Health Administration (OSHA), USA: Sampling and Analytical Methods http://www.osha.gov/

Health and Safety Executive (HSE), UK: Methods for the Determination of Hazardous Substances http://www.hse.gov.uk/

Institut für Arbeitsschutz Deutschen Gesetzlichen Unfallversicherung (IFA) , Germany http://www.dguv.de/inhalt/index.jsp

L'Institut National de Recherche et de Securité, (INRS), France http://www.inrs.fr/accueil

8.2 Exposure controls

Engineering measuresThe level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. Appropriate measures include: Adequate ventilation to control airborne concentrations.

Where material is heated, sprayed or mist formed, there is greater potential for airborne concentrations to be generated.

General Information:

Define procedures for safe handling and maintenance of controls.

Educate and train workers in the hazards and control measures relevant to normal activities associated with this product.

Ensure appropriate selection, testing and maintenance of equipment used to control exposure, e.g. personal protective equipment, local exhaust ventilation.

Drain down system prior to equipment break-in or maintenance.

Retain drain downs in sealed storage pending disposal or subsequent recycle.

Always observe good personal hygiene measures, such as washing hands after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

Personal protective equipment

The provided information is made in consideration of the PPE directive (Council Directive 89/686/EEC) and the CEN European Committee for Standardisation (CEN) standards.

Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.

Eye protection

 If material is handled such that it could be splashed into eyes, protective eyewear is recommended.
 Approved to EU Standard EN166.

Hand protection

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Remarks	: Where hand contact with the produ gloves approved to relevant standa US: F739) made from the following suitable chemical protection. PVC, gloves Suitability and durability of a usage, e.g. frequency and duration resistance of glove material, dexter from glove suppliers. Contaminated replaced. Personal hygiene is a key care. Gloves must only be worn on gloves, hands should be washed an Application of a non-perfumed mois	ards (e.g. Europe: EN374, materials may provide neoprene or nitrile rubber a glove is dependent on of contact, chemical ity. Always seek advice d gloves should be y element of effective hand clean hands. After using nd dried thoroughly.
	For continuous contact we recomm breakthrough time of more than 244 for > 480 minutes where suitable gl short-term/splash protection we recorrecognize that suitable gloves offer may not be available and in this cast time maybe acceptable so long as and replacement regimes are follow a good predictor of glove resistance dependent on the exact compositio Glove thickness should be typically depending on the glove make and the	0 minutes with preference loves can be identified. For commend the same, but ing this level of protection se a lower breakthrough appropriate maintenance ved. Glove thickness is not e to a chemical as it is n of the glove material.
Skin and body protection	: Skin protection is not ordinarily required work clothes. It is good practice to wear chemical	-
Respiratory protection	: No respiratory protection is ordinari conditions of use. In accordance with good industrial precautions should be taken to avo If engineering controls do not main concentrations to a level which is a health, select respiratory protection specific conditions of use and meet Check with respiratory protective et Where air-filtering respirators are s appropriate combination of mask at Select a filter suitable for combined and vapours [Type A/Type P boiling meeting EN14387 and EN143.	hygiene practices, id breathing of material. tain airborne dequate to protect worker equipment suitable for the ting relevant legislation. quipment suppliers. uitable, select an nd filter. I particulate/organic gases
Thermal hazards	: Not applicable	
Hygiene measures	: Exposure to this product should be	reduced as low as

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	reasonably practicable. Reference s Health and Safety Executive's public Essentials".	
Environmental exposi	ure controls	
General advice	: Take appropriate measures to fulfill relevant environmental protection les contamination of the environment by Chapter 6. If necessary, prevent un being discharged to waste water. We treated in a municipal or industrial w before discharge to surface water. Local guidelines on emission limits f must be observed for the discharge vapour.	gislation. Avoid / following advice given in dissolved material from aste water should be aste water treatment plant or volatile substances

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: Liquid at room temperature.
Colour	: amber
Odour	: Slight hydrocarbon
Odour Threshold	: Data not available
рН	: Not applicable
pour point	: -30 °CMethod: IP 15
Initial boiling point and boiling range	: > 280 °Cestimated value(s)
Flash point	: 220 °C Method: IP 34
Evaporation rate	: Data not available
Flammability (solid, gas)	: Data not available
Upper explosion limit	: Typical 10 %(V)
Lower explosion limit	: Typical 1 %(V)
Vapour pressure	: < 0.5 Pa (20 °C) estimated value(s)
Relative vapour density	: > 1estimated value(s)
Relative density	: 0.885 (15 °C)

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Density	:	885 kg/m3 (15.0 °C) Method: IP 365	
Solubility(ies)			
Water solubility	:	negligible	
Solubility in other solvents	:	Data not available	
Partition coefficient: n- octanol/water	:	Pow: > 6(based on information on sin	nilar products)
Auto-ignition temperature	:	> 320 °C	
Viscosity			
Viscosity, dynamic	:	Data not available	
Viscosity, kinematic	:	105.4 mm2/s (40.0 °C) Method: IP 71	
		13.9 mm2/s (100 °C) Method: IP 71	
Explosive properties	:	Not classified	
Oxidizing properties	:	Data not available	
9.2 Other information			
Conductivity	:	This material is not expected to be a	static accumulator.

Decomposition temperature : Data not available

SECTION 10: Stability and reactivity

10.1 Reactivity

The product does not pose any further reactivity hazards in addition to those listed in the following sub-paragraph.

10.2 Chemical stability

Stable.

No hazardous reaction is expected when handled and stored according to provisions

10.3 Possibility of hazardous reactions

Hazardous reactions : Reacts with strong oxidising agents.

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10.4 Conditions to avoid					
Conditions to avoid	: Extremes of temperature and direct su	unlight.			
10.5 Incompatible materials					
Materials to avoid	: Strong oxidising agents.				
10.6 Hazardous decomposition products					
Hazardous decomposition products	: Hazardous decomposition products ar during normal storage.	re not expected to form			

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Basis for assessment	:	Information given is based on data on the components and the toxicology of similar products.Unless indicated otherwise, the data presented is representative of the product as a whole, rather than for individual component(s).
Information on likely routes of exposure	:	Skin and eye contact are the primary routes of exposure although exposure may occur following accidental ingestion.
Acute toxicity		
Product:		
Acute oral toxicity	:	LD50 rat: > 5,000 mg/kg Remarks: Expected to be of low toxicity:
Acute inhalation toxicity	:	Remarks: Not considered to be an inhalation hazard under normal conditions of use.

Acute dermal toxicity	: LD50 Rabbit: > 5,000 mg/kg Remarks: Expected to be of low toxicity:

Skin corrosion/irritation

Product:

Remarks: Expected to be slightly irritating., Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.

Serious eye damage/eye irritation

Product:

Remarks: Expected to be slightly irritating.

Respiratory or skin sensitisation

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Product:

Remarks: For respiratory and skin sensitisation:, Not expected to be a sensitiser.

Germ cell mutagenicity

Product:

: Remarks: Not considered a mutagenic hazard.

Carcinogenicity

Product:

Remarks: Not expected to be carcinogenic.

Remarks: Product contains mineral oils of types shown to be non-carcinogenic in animal skinpainting studies., Highly refined mineral oils are not classified as carcinogenic by the International Agency for Research on Cancer (IARC).

Material	GHS/CLP Carcinogenicity Classification	
Highly refined mineral oil	No carcinogenicity classification.	

Reproductive toxicity

Product:

Remarks: Not expected to impair fertility., Not expected to be a developmental toxicant.

STOT - single exposure

Product:

Remarks: Not expected to be a hazard.

STOT - repeated exposure

Product:

Remarks: Not expected to be a hazard.

Aspiration toxicity

Product:

Not considered an aspiration hazard.

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Further information

Product:

Remarks: Used oils may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they may present risks to health and the environment on disposal., ALL used oil should be handled with caution and skin contact avoided as far as possible.

Remarks: Continuous contact with used engine oils has caused skin cancer in animal tests.

Remarks: Slightly irritating to respiratory system.

Remarks: Classifications by other authorities under varying regulatory frameworks may exist.

Summary on evaluation of the CMR properties

Germ cell mutagenicity- Assessment	:	This product does not meet the criteria for classification in categories 1A/1B.
Carcinogenicity - Assessment	:	This product does not meet the criteria for classification in categories 1A/1B.
Reproductive toxicity - Assessment	:	This product does not meet the criteria for classification in categories 1A/1B.

SECTION 12: Ecological information

12.1 Toxicity

Basis for assessment	:	Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products. Unless indicated otherwise, the data presented is representative of the product as a whole, rather than for individual component(s).(LL/EL/IL50 expressed as the nominal amount of product required to prepare aqueous test extract).
Toxicity to fish (Acute toxicity)	:	Remarks: Expected to be practically non toxic: LL/EL/IL50 > 100 mg/l
Toxicity to crustacean (Acute toxicity)	:	Remarks: Expected to be practically non toxic: LL/EL/IL50 > 100 mg/l
Toxicity to algae/aquatic	:	Remarks: Expected to be practically non toxic:

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plants (Acute toxicity)	LL/EL/IL50 > 100 mg/l	
Toxicity to fish (Chronic toxicity)	: Remarks: Data not available	
Toxicity to crustacean (Chronic toxicity)	: Remarks: Data not available	
Toxicity to microorganisms (Acute toxicity)	: Remarks: Data not available	
12.2 Persistence and degradat	ility	
Product:		
Biodegradability	: Remarks: Expected to be not read constituents are expected to be in contains components that may per	herently biodegradable, but
12.3 Bioaccumulative potentia	l	
Product:		
Bioaccumulation	: Remarks: Contains components w bioaccumulate.	vith the potential to
Partition coefficient: n- octanol/water	: Pow: > 6Remarks: (based on infor	rmation on similar products)
12.4 Mobility in soil		
Product:		
Mobility	 Remarks: Liquid under most environmenters soil, it will adsorb to soil par mobile. Remarks: Floats on water. 	
12.5 Results of PBT and vPvB	assessment	
Product:		
Assessment	: This mixture does not contain any substances that are assessed to b	
12.6 Other adverse effects		
Product:		
Additional ecological information	 Product is a mixture of non-volatile expected to be released to air in a Not expected to have ozone deple photochemical ozone creation pote potential. Poorly soluble mixture., May cause 	ny significant quantities., etion potential, ential or global warming
	organisms. Mineral oil is not expected to caus aquatic organisms at concentration	

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SECTION 13: Disposal considerations

13.1 Waste treatment methods	
Product	 Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses
Contaminated packaging	: Dispose in accordance with prevailing regulations, preferably to a recognized collector or contractor. The competence of the collector or contractor should be established beforehand. Disposal should be in accordance with applicable regional, national, and local laws and regulations.
Local legislation Waste catalogue	:
	EU Waste Disposal Code (EWC):
Waste Code	:
	13 02 05*
Remarks	: Disposal should be in accordance with applicable regional, national, and local laws and regulations.
	Classification of waste is always the responsibility of the end user.

SECTION 14: Transport information

14.1 UN number	
	: Not regulated as a dangerous good
RID	: Not regulated as a dangerous good
IMDG	: Not regulated as a dangerous good
ΙΑΤΑ	: Not regulated as a dangerous good
14.2 Proper shipping name	
ADR	: Not regulated as a dangerous good
RID	: Not regulated as a dangerous good
IMDG	: Not regulated as a dangerous good
ΙΑΤΑ	: Not regulated as a dangerous good
14.3 Transport hazard class	

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ADR	: Not regulated as a dangerous good	
RID	: Not regulated as a dangerous good	
IMDG	: Not regulated as a dangerous good	
ΙΑΤΑ	: Not regulated as a dangerous good	
14.4 Packing group		
ADR	: Not regulated as a dangerous good	
RID	: Not regulated as a dangerous good	
IMDG	: Not regulated as a dangerous good	
ΙΑΤΑ	: Not regulated as a dangerous good	
14.5 Environmental hazards		
ADR	: Not regulated as a dangerous good	
RID	: Not regulated as a dangerous good	
IMDG	: Not regulated as a dangerous good	
14.6 Special precautions for us		
Remarks	 Special Precautions: Refer to Chapter for special precautions which a user ne needs to comply with in connection with 	eds to be aware of or
14.7 Transport in bulk accordir	ng to Annex II of MARPOL 73/78 and the IB	C Code
Pollution category	: Not applicable	
Ship type	: Not applicable	
Product name	: Not applicable	
Special precautions	: Not applicable	
Additional Information	: MARPOL Annex 1 rules apply for bulk	shipments by sea.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

. I Salety, fleatth and enviro	internal regulations/registation specific for the substance of mixtu
REACH - List of substance (Annex XIV)	s subject to authorisation : Product is not subject to Authorisation under REACH.
Volatile organic compounds	s : 0 %
Other regulations	: Environmental Protection Act 1990 (as amended). Health and Safety at Work etc. Act 1974. Consumers Protection Act 1987. Pollution Prevention and Control Act 1999. Environment Act 1995. Factories Act 1961. The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment (Amendment) Regulations 2011. Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended) Merchant Shipping (Dangerous Goods and Marine

Substances Hazardous to Health Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (as amended). Personal Protective Equipment Regulations 2002. Personal

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	Protective Equipment at Work Regul Waste (England and Wales) Regulat Control of Major Accident Hazards R amended). Renewable Transport Fur (as amended). Energy Act 2011. Env (England and Wales) Regulations 20 (England and Wales) Regulations 20 Planning (Hazardous Substances) A regulations. The Environmental Prote Ozone-Depleting Substances) Regulation	tions 2005(as amended). Regulations 1999 (as el Obligations Order 2007 vironmental Permitting 010 (as amended). Waste 011 (as amended). ct 1990 and associated ection (Controls on
The components o	f this product are reported in the following inve	

EINECS	: All components listed or polymer exempt.
TSCA	: All components listed.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Full text of H-Statements

H304 May be fatal if swallowed and enters airways.

Full text of other abbreviations

Asp. Tox.		
Abbreviations and Acroi	nyms :	The standard abbreviations and acronyms used in this document can be looked up in reference literature (e.g. scientific dictionaries) and/or websites.
		ACGIH = American Conference of Governmental Industrial Hygienists
		ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road
		AICS = Australian Inventory of Chemical Substances
		ASTM = American Society for Testing and Materials BEL = Biological exposure limits
		BTEX = Benzene, Toluene, Ethylbenzene, Xylenes
		CAS = Chemical Abstracts Service
		CEFIC = European Chemical Industry Council CLP = Classification Packaging and Labelling
		COC = Cleveland Open-Cup
		DIN = Deutsches Institut fur Normung DMEL = Derived Minimal Effect Level
		DNEL = Derived Minimal Effect Level
		DSL = Canada Domestic Substance List
		EC = European Commission EC50 = Effective Concentration fifty

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	Toxicology Of Chemicals ECHA = European Chemical EINECS = The European Chemical Substances EL50 = Effective Loading ENCS = Japanese Exist Inventory EWC = European Waste GHS = Globally Harmon Labelling of Chemicals IARC = International Age IATA = International Age IATA = International Age IATA = International Age IATA = International Ma INV = Chinese Chemica IP346 = Institute of Petr determination of polycyco KECI = Korea Existing O LC50 = Lethal Concentr LD50 = Lethal Loading fi MARPOL = Internationa Pollution From Ships NOEC/NOEL = No Obse Observed Effect Level OE_HPV = Occupationa PBT = Persistent, Bioac PICCS = Philippine Inve Substances PNEC = Predicted No E REACH = Registration E Chemicals RID = Regulations Relat Dangerous Goods by Ra SKIN_DES = Skin Desig STEL = Short term expo TRA = Targeted Risk As TSCA = US Toxic Subst TWA = Time-Weighted A	micals Agency in Inventory of Existing Commercial g fifty ting and New Chemical Substances e Code hised System of Classification and ency for Research on Cancer Transport Association ntration fifty fty aritime Dangerous Goods ils Inventory roleum test method N° 346 for the clic aromatics DMSO-extractables Chemicals Inventory ation fifty oper cent. ng/Effective Loading/Inhibitory loading ifty I Convention for the Prevention of erved Effect Concentration / No al Exposure - High Production Volume cumulative and Toxic entory of Chemicals and Chemical iffect Concentration Evaluation And Authorisation Of ting to International Carriage of ail gnation osure limit ssessment tances Control Act
Further information Other information	sheet. It is a non-classifi	annex is attached to this safety data ied mixture containing hazardous in Section 3; relevant information from
	Exposure Scenarios for have been integrated int	the hazardous substances contained to the core sections 1-16 of this SDS.
	A vertical bar () in the le	eft margin indicates an amendment

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from the previous version.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.