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# Helix Ultra Professional AF-L 0W-30

ersion 1.2	Revision Date 11.03.2020	Print Date 12.03.2020
ECTION 1. PRODUCT AND C	OMPANY IDENTIFICATION	
Product name	: Helix Ultra Professional AF-L 0W-30	
Product code	: 001G5577	
Manufacturer or supplier	's details	
Supplier	<ul> <li>TransDiesel Limited</li> <li>NZBN 9429036551132</li> <li>533 Halswell Junction Road</li> <li>Christchurch 8042</li> <li>New Zealand</li> </ul>	
Telephone Telefax	: 0800 848 267 (All Hours) :	
Emergency telephone number	: 0800 848 267 (All Hours)	
Recommended use of the	e chemical and restrictions on use	
Recommended use	: Engine oil.	

## **SECTION 2. HAZARDS IDENTIFICATION**

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Not classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2017., Not classified as Dangerous Goods for transport, according to NZS 5433:2012 Transport of Dangerous Goods on Land.

### Hazard classification

## **GHS Classification**

Based on available data this substance / mixture does not meet the classification criteria.

### GHS label elements

Hazard pictograms	: No Hazard Symbol required
Signal word	: No signal word
Hazard statements	<ul> <li>PHYSICAL HAZARDS: Not classified as a physical hazard under GHS criteria. HEALTH HAZARDS: Not classified as a health hazard under GHS criteria. ENVIRONMENTAL HAZARDS: Not classified as an environmental hazard under GHS criteria.</li> </ul>

## Precautionary statements

Prevention:

No precautionary phrases.

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#### **Response:** No precautionary phrases.

Storage: No precautionary phrases.

**Disposal:** No precautionary phrases.

### Other hazards which do not result in classification

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

Chemical nature	:	Synthetic base oil and additives. Highly refined mineral oil. The highly refined mineral oil contains <3% (w/w) DMSO- extract, according to IP346.
	:	* contains one or more of the following CAS-numbers: 64742- 53-6, 64742-54-7, 64742-55-8, 64742-56-9, 64742-65-0, 68037-01-4, 72623-86-0, 72623-87-1, 8042-47-5, 848301-69-

9, 68649-12-7, 151006-60-9, 163149-28-8.

### Hazardous components

Chemical name	CAS-No.	Classification	Concentration (% w/w)
Zinc dialkyldithiophosphate	113706-15-3	Acute Tox.5; H303 Skin Irrit.2; H315 Eye Dam.1; H318 Aquatic Acute2; H401 Aquatic Chronic2; H411	1 - 2.49
Alkaryl amine	36878-20-3	Aquatic Chronic4; H413	1 - 3
Interchangeable low viscosity base oil (<20,5 cSt @40°C) *	Not Assigned	Asp. Tox.1; H304	0 - 90

For explanation of abbreviations see section 16.

## SECTION 4. FIRST-AID MEASURES

#### If inhaled

: No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.

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Version 1.2 In case of skin contact	Revision Date 11.03.2020 Remove contaminated clothing. water and follow by washing with If persistent irritation occurs, obta	n soap if available.
In case of eye contact	: Flush eye with copious quantities Remove contact lenses, if preser rinsing. If persistent irritation occurs, obta	nt and easy to do. Continue
If swallowed	: In general no treatment is necess are swallowed, however, get me	, ,
Most important symptoms and effects, both acute and delayed	: Oil acne/folliculitis signs and sym of black pustules and spots on th Ingestion may result in nausea, v	he skin of exposed areas.
Protection of first-aiders	: When administering first aid, ens appropriate personal protective e incident, injury and surroundings	equipment according to the
Notes to physician	: Treat symptomatically.	

### **SECTION 5. FIRE-FIGHTING MEASURES**

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.
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.
Specific extinguishing methods	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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).

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SECTION 6. ACCIDENTAL RELEA	ASE	MEASURES	
Personal precautions, protective equipment and emergency procedures Environmental precautions	:	Avoid contact with skin and eyes.	
		Use appropriate containment to avoid contamination. Prevent from spreading ditches or rivers by using sand, earth, barriers.	g or entering drains,
		Local authorities should be advised if s cannot be contained.	significant spillages
Methods and materials for containment and cleaning up		Slippery when spilt. Avoid accidents, or Prevent from spreading by making a b or other containment material. Reclaim liquid directly or in an absorbe Soak up residue with an absorbent suc suitable material and dispose of prope	arrier with sand, earth ent. ch as clay, sand or other
Additional advice		For guidance on selection of personal see Chapter 8 of this Safety Data She For guidance on disposal of spilled ma this Safety Data Sheet.	et.

## 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.
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.
Avoidance of contact	:	Strong oxidising agents.
Product Transfer	:	Proper grounding and bonding procedures should be used during all bulk transfer operations to avoid static accumulation.
Storage		
Other data	:	Keep container tightly closed and in a cool, well-ventilated place. Use properly labeled and closable containers.

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	Store at ambient temperature.	
Packaging material	: Suitable material: For containers of steel or high density polyethylene. Unsuitable material: PVC.	
Container Advice	: Polyethylene containers should no temperatures because of possible	

## SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Oil mist, mineral	Not Assigned	WES-TWA (Mist)	5 mg/m3	NZ OEL
	Further informativapour.	ation: Sampled b	by a method that does	s not collect
Oil mist, mineral	Not Assigned	WES-STEL (Mist)	10 mg/m3	NZ OEL
Oil mist, mineral	Not Assigned	TWA (Mist)	5 mg/m3	OSHA Z-1
Oil mist, mineral	Not Assigned	TWA (Inhalable particulate matter)	5 mg/m3	ACGIH

## Components with workplace control parameters

### **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 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

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Engineering measures       : The level of protection and types of controls ne vary depending upon potential exposure condit controls based on a risk assessment of local ci Appropriate measures include: Adequate ventilation to control airborne concer         Where material is heated, sprayed or mist form greater potential for airborne concentrations to		e conditions. Select local circumstances. concentrations. ist formed, there is
	General Information: Define procedures for safe handling and controls. Educate and train workers in the hazard measures relevant to normal activities a product. Ensure appropriate selection, testing ar equipment used to control exposure, e.g equipment, local exhaust ventilation. Drain down system prior to equipment b maintenance. Retain drain downs in sealed storage po subsequent recycle.	d maintenance of ds and control associated with this ad maintenance of g. personal protective preak-in or ending disposal or
	Always observe good personal hygiene washing hands after handling the mater drinking, and/or smoking. Routinely wa protective equipment to remove contam contaminated clothing and footwear tha Practice good housekeeping.	ial and before eating, sh work clothing and inants. Discard

### Personal protective equipment

### **Protective measures**

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

Respiratory protection :	No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for the combination of organic gases and vapours and particles [Type A/Type P boiling point >65°C (149°F)].
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### Hand protection

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Remarks	: Where hand contact with the pro- gloves approved to relevant stat US: F739) made from the follow suitable chemical protection. PV gloves Suitability and durability usage, e.g. frequency and durat resistance of glove material, dez from glove suppliers. Contamina replaced. Personal hygiene is a care. Gloves must only be worn gloves, hands should be washe Application of a non-perfumed r	ndards (e.g. Europe: EN374, ving materials may provide /C, neoprene or nitrile rubber of a glove is dependent on tion of contact, chemical xterity. Always seek advice ated gloves should be key element of effective hand on clean hands. After using d and dried thoroughly.
	For continuous contact we reco breakthrough time of more than for > 480 minutes where suitable short-term/splash protection we recognize that suitable gloves o may not be available and in this time maybe acceptable so long and replacement regimes are for a good predictor of glove resistant dependent on the exact compose Glove thickness should be typic depending on the glove make a	240 minutes with preference e gloves can be identified. For recommend the same but ffering this level of protection case a lower breakthrough as appropriate maintenance ollowed. Glove thickness is not ance to a chemical as it is sition of the glove material. cally greater than 0.35 mm
Eye protection	: If material is handled such that i protective eyewear is recommendation	
Skin and body protection	<ul> <li>Skin protection is not ordinarily work clothes.</li> <li>It is good practice to wear chem</li> </ul>	
Thermal hazards	: Not applicable	
Environmental exposure c	ontrols	

General advice : Take appropriate measures to fulfill the requirements of relevant environmental protection legislation. Avoid contamination of the environment by following advice given in Section 6. If necessary, prevent undissolved material from being discharged to waste water. Waste water should be treated in a municipal or industrial waste water treatment plant before discharge to surface water. Local guidelines on emission limits for volatile substances must be observed for the discharge of exhaust air containing vapour.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

: liquid

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sion 1.2 Colour	Revision Date 11.03.2020 Print Date 12.03.20
Odour	: Slight hydrocarbon
Odour Threshold	: Data not available
pH	: Not applicable
pour point	: -45 °C / -49 °FMethod: ASTM D97
Initial boiling point and boiling range	: > 280 °C / 536 °Festimated value(s)
Flash point	: 239 °C / 462 °F Method: ASTM D92 (COC)
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 / 68 °F) estimated value(s)
Relative vapour density	: > 1estimated value(s)
Relative density	: 0.850 (15 °C / 59 °F)
Density	: 850 kg/m3 (15.0 °C / 59.0 °F) Method: ASTM D4052
Solubility(ies)	
Water solubility	: negligible
Solubility in other solvents	: Data not available
Partition coefficient: n- octanol/water	: log Pow: > 6(based on information on similar products)
Auto-ignition temperature	: > 320 °C / 608 °F
Decomposition temperature	: Data not available
Viscosity	
Viscosity, dynamic	: Data not available
Viscosity, kinematic	: 47 mm2/s (40 °C / 104 °F) Method: ASTM D445
	9.4 mm2/s (100 °C / 212 °F)

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Version 1.2	Revision Date 11.03.2020 Method: ASTM D445	Print Date 12.03.2020
Explosive properties	: Not classified	
Oxidizing properties	: Data not available	
Conductivity	: This material is not expected to be	e a static accumulator.

## SECTION 10. STABILITY AND REACTIVITY

Reactivity	: The product does not pose any further reactivity hazards in addition to those listed in the following sub-paragraph.
Chemical stability	: Stable.
Possibility of hazardous reactions	: Reacts with strong oxidising agents.
Conditions to avoid	: Extremes of temperature and direct sunlight.
Incompatible materials	: Strong oxidising agents.
Hazardous decomposition products	: No decomposition if stored and applied as directed.

## SECTION 11. TOXICOLOGICAL INFORMATION

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: Low toxicity: Based on available data, the classification criteria are not met.
Acute inhalation toxicity	:	Remarks: Based on available data, the classification criteria are not met.
Acute dermal toxicity	:	LD50 Rabbit: > 5,000 mg/kg Remarks: Low toxicity:

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	Based on available data, the classific	ation criteria are not met.

### Skin corrosion/irritation

### Product:

Remarks: Slightly irritating to skin., Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis., Based on available data, the classification criteria are not met.

### Serious eye damage/eye irritation

#### Product:

Remarks: Slightly irritating to the eye., Based on available data, the classification criteria are not met.

### **Components:**

#### Zinc dialkyldithiophosphate:

Remarks: Based on available data, the classification criteria are not met.

### Respiratory or skin sensitisation

#### Product:

Remarks: Not a skin sensitiser. Based on available data, the classification criteria are not met.

### **Chronic toxicity**

#### Germ cell mutagenicity

#### Product:

: Remarks: Non mutagenic, Based on available data, the classification criteria are not met.

### Carcinogenicity

### Product:

Remarks: Not a carcinogen., Based on available data, the classification criteria are not met.

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

### Reproductive toxicity

#### Product:

Remarks: Not a developmental toxicant., Does not impair

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 fertility., Based on available data, the classification criteria are not met.
 not met.

### STOT - single exposure

### Product:

Remarks: Based on available data, the classification criteria are not met.

## STOT - repeated exposure

### Product:

Remarks: Based on available data, the classification criteria are not met.

### Aspiration toxicity

### Product:

Not an aspiration hazard.

### **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.

#### SECTION 12. ECOLOGICAL INFORMATION

Basis for assessment	<ul> <li>Ecotoxicological data have not been determined specifically for this product.</li> <li>Information given is based on a knowledge of the components and the ecotoxicology of similar products.</li> <li>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).</li> </ul>

## Ecotoxicity

#### Product:

Toxicity to fish (Acute	:
toxicity)	Remarks: LL/EL/IL50 > 100 mg/l

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	Practically non toxic: Based on available data, the classification criteria are not met.
Toxicity to crustacean (Acute toxicity)	: Remarks: LL/EL/IL50 > 100 mg/I Practically non toxic: Based on available data, the classification criteria are not met.
Toxicity to algae/aquatic plants (Acute toxicity)	: Remarks: LL/EL/IL50 > 100 mg/I Practically non toxic: Based on available data, the classification criteria are not met.
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
Persistence and degradability	
Product:	
Biodegradability	: Remarks: Not readily biodegradable., Major constituents are inherently biodegradable, but contains components that may persist in the environment.
Bioaccumulative potential	
Product:	
Bioaccumulation	: Remarks: Contains components with the potential to bioaccumulate.
Partition coefficient: n- octanol/water	<ul> <li>log Pow: &gt; 6Remarks: (based on information on similar products)</li> </ul>
Mobility in soil	
Product:	
Mobility	<ul> <li>Remarks: Liquid under most environmental conditions., If it enters soil, it will adsorb to soil particles and will not be mobile.</li> <li>Remarks: Floats on water.</li> </ul>
Other adverse effects	
no data available <u>Product:</u>	
Additional ecological information	<ul> <li>Does not have ozone depletion potential, photochemical ozone creation potential or global warming potential., Product is a mixture of non-volatile components, which will not be released to air in any significant quantities under normal conditions of use.</li> <li>Poorly soluble mixture., Causes physical fouling of aquatic</li> </ul>

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	organisms.	
SECTION 13. DISPOSAL CONS	BIDERATIONS	
Disposal methods		
Waste from residues	: Recover or recycle if possible. It is the responsibility of the waster toxicity and physical properties of determine the proper waste class methods in compliance with applie Do not dispose into the environme courses	the material generated to ification and disposal cable regulations.
	Waste product should not be allow ground water, or be disposed of in Waste, spills or used product is da	nto the environment.
	Disposal methods, including dispo in accordance with the Hazardous Notice 2017 and the Act.	

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 Remarks	:	Disposal should be in accordance with applicable regional, national, and local laws and regulations.

## **SECTION 14. TRANSPORT INFORMATION**

### **National Regulations**

Land Transport Rule: Dangerous Goods 2012 -NZS 5433 Not regulated as a dangerous good

### **International Regulations**

#### IATA-DGR

Not regulated as a dangerous good

### IMDG-Code

Not regulated as a dangerous good

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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Not applicable for product as supplied. MARPOL Annex 1 rules apply for bulk shipments by sea.		

#### Special precautions for user

Remarks

: Special Precautions: Refer to Section 7, Handling & Storage, for special precautions which a user needs to be aware of or needs to comply with in connection with transport.

## **SECTION 15. REGULATORY INFORMATION**

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

R-phrase(s)	:	Not classified.
S-phrase(s)	:	Not classified.

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Workplace Exposure Standards and Biological Exposure Indices November 2017. New Zealand Standard 5433:2012 Transport of Dangerous Goods on Land.

#### Other international regulations

#### The components of this product are reported in the following inventories:

EINECS	: Notified with Restrictions.
TSCA	: Not all components listed

## **SECTION 16. OTHER INFORMATION**

### Full text of H-Statements

H303	May be harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H401	Toxic to aquatic life.	
H411	Toxic to aquatic life with long lasting effects.	
H413	May cause long lasting harmful effects to aquatic life.	
Full text of other abbreviations		
Acute Tox.	Acute toxicity	

Acute Lox.	Acute toxicity
Aquatic Acute	Short-term (acute) aquatic hazard
Aquatic Chronic	Long-term (chronic) aquatic hazard
Asp. Tox.	Aspiration hazard
Eye Dam.	Serious eye damage
Skin Irrit.	Skin irritation

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AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO -International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 -Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose): MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC -New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG -Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN -United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

### Further information

Training advice	:	Provide adequate information, instruction and training for operators.
Other information	:	A vertical bar ( ) in the left margin indicates an amendment from the previous version.
Sources of key data used to compile the Safety Data Sheet	:	The quoted data are from, but not limited to, one or more sources of information (e.g. toxicological data from Shell Health Services, material suppliers' data, CONCAWE, EU IUCLID date base, EC 1272 regulation, etc).

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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NZ / EN