

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 and The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 No. 720

Issuing Date 24-Jul-2023

Revision Date 24-Jul-2023

Revision Number 1

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

1	1.	Pr	od	uct	identifier

Product Code(s)	PPL			
Product Name	Park Tool Company PPL-1 / PPL-2 PolyLube 1000 Lubricant			
Synonyms	PPL-1 / PPL-2			
Pure substance/mixture	Mixture			
1.2. Relevant identified uses of the substance or mixture and uses advised against				

Recommended use Lubrication on bicycles

Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Importer Madison	<u>Supplier</u> Park Tool Company
74 Alston Drive, Bradwell Abbey Milton Keynes, MK13 9HA, UK	5115 Hadley Avenue N
01908 326039 ext. 6039	+1 651-777-6868

For further information, please contact E-mail address customercare@madison.co.uk

1.4. Emergency telephone number

Emergency telephone

CHEMTREC UK +(44)-870-8200418

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Chronic aquatic toxicity Category 3 - (H412)	
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2.2. Label elements

Hazard statements

H412 - Harmful to aquatic life with long lasting effects. EUH208 - Contains N-1-naphthylaniline. May produce an allergic reaction.

Precautionary statements

P273 - Avoid release to the environment.

P501 - Dispose of contents/ container to an approved waste disposal plant.

2.3. Other hazards

Harmful to aquatic life.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	Weight-%	EC No (EU Index No)	UK REACH registration number	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Distillates (petroleum), hydrotreated heavy naphthenic 64742-52-5	30-60	(649-465-00-7) 265-155-0	-	Carc. 1B (H350) (*L)	-	-	-
Residual oils (petroleum), solvent refined 64742-01-4	10-30	(649-459-00-4) 265-101-6	-	Carc. 1B (H350) (*L)	-	-	-
Limestone 1317-65-3	5-10	215-279-6	-	[C]	-	-	-
Urea, N,n``-(methylenedi-4, 1-phenylene)bis[N`- cyclohexyl- 58890-25-8	3-7	(616-094-00-7) 406-370-3	-	Aquatic Chronic 4 (H413)	-	-	-
Diphenyl methanebis(stearylur ea) 43136-14-7	3-7	(616-095-00-2) 406-690-3	-	Aquatic Chronic 4 (H413)	-	-	-
Petroleum distillates, solvent-refined heavy paraffinic 64741-88-4	1-5	(649-454-00-7) 265-090-8	-	Carc. 1B (H350) (*L)	-	-	-
N-1-naphthylaniline 90-30-2	0.1-<1	201-983-0	-	-	-	-	-

Classification according to GB CLP (SI 2020/1567 as amended)

[C] - Components with occupational exposure limits and/or biological occupational exposure limits requiring monitoring

Full text of H- and EUH-phrases: see section 16

Additional information

Note L (*L): The supplier declares that it can be shown that the substance(s) contain less than 3% DMSO extract as measured by IP 346

This product does not contain candidate substances of very high concern at a concentration >= 0.1% (UK REACH Article 59)

SECTION 4: First aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. Get medical attention if symptoms occur. Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if symptoms occur. Skin contact Wash skin with soap and water. Take off contaminated clothing and wash it before reuse. Get medical attention if symptoms occur. Rinse mouth thoroughly with water. Do NOT induce vomiting. Never give anything by mouth Ingestion to an unconscious person. Have victim sip a glass of water if able to swallow. If vomiting occurs, lean victim forward to reduce the risk of aspiration. Get medical attention if symptoms occur. 4.2. Most important symptoms and effects, both acute and delayed None known. Symptoms Effects of Exposure None known. 4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically. Note to doctors SECTION 5: Firefighting measures 5.1. Extinguishing media Use extinguishing measures that are appropriate to local circumstances and the Suitable Extinguishing Media surrounding environment. Unsuitable extinguishing media None known based on information supplied. 5.2. Special hazards arising from the substance or mixture Specific hazards arising from the None known based on information supplied. chemical Carbon monoxide, Carbon dioxide (CO2), Nitrogen oxides (NOx), Metal oxides. Hazardous combustion products 5.3. Advice for firefighters Special protective equipment and Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. precautions for fire-fighters Use personal protection equipment. SECTION 6: Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures Deny entry to unauthorized and unprotected personnel. Do not touch or walk through spilled Personal precautions material. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

4.1. Description of first aid measures

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions	Keep out of drains, sewers, ditches and waterways. Prevent further leakage or spillage if safe to do so. Do not allow to enter into soil/subsoil.		
6.3. Methods and material for conta	ainment and cleaning up		
Methods for containment	Prevent further leakage or spillage if safe to do so.		
Methods for cleaning up	Wipe up with absorbent material (eg. cloth, fleece). Keep in suitable, closed containers for disposal. Dispose of via a licensed waste disposal contractor.		
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.		
6.4. Reference to other sections			
Reference to other sections	See section 8 for more information. See section 13 for more information.		
SECTION 7: Handling and	storage		

7.1. Precautions for safe handling

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Use personal protection equipment. Do not ingest. If swallowed then seek immediate medical assistance. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Empty containers may contain hazardous residues.		
General hygiene considerations	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling. Wash hands before eating, drinking or smoking.		
7.2. Conditions for safe storage, incl	uding any incompatibilities		
Storage Conditions	Keep/store only in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from direct sunlight. Keep away from Incompatible materials. Keep away from food, drink and animal feedingstuffs. Keep in properly labelled containers. Keep container upright. Store in accordance with local regulations.		
7.3. Specific end use(s)			
Specific use(s)	The identified uses for this product are detailed in Section 1.2.		
Risk Management Methods (RMM)	The information required is contained in this Safety Data Sheet.		

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	United Kingdom
Limestone	TWA: 10 mg/m ³
1317-65-3	TWA: 4 mg/m ³
	STEL: 30 mg/m ³
	STEL: 12 mg/m ³

Biological occupational exposure This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
Distillates (petroleum), hydrotreated heavy naphthenic 64742-52-5		0.97 mg/kg bw/day [4] [6]	2.73 mg/m ³ [4] [6] 5.58 mg/m ³ [5] [6]
Residual oils (petroleum), solvent refined 64742-01-4		0.97 mg/kg bw/day [4] [6]	2.73 mg/m ³ [4] [6] 5.58 mg/m ³ [5] [6]
Calcium carbonate 471-34-1			6.36 mg/m³ [5] [6]
Petroleum distillates, solvent-refined heavy paraffinic 64741-88-4		0.97 mg/kg bw/day [4] [6]	2.73 mg/m ³ [4] [6] 5.58 mg/m ³ [5] [6]
N-1-naphthylaniline 90-30-2		0.05 mg/kg bw/day [4] [6] 6.67 mg/kg bw/day [4] [7]	0.18 mg/m ³ [4] [6] 44 mg/m ³ [4] [7]

Notes

	Systemic health effects.
[5]	Local health effects.
[6]	Long term.
[7]	Short term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
Distillates (petroleum), hydrotreated heavy naphthenic 64742-52-5	0.74 mg/kg bw/day [4] [6]		1.19 mg/m³ [5] [6]
Residual oils (petroleum), solvent refined 64742-01-4	0.74 mg/kg bw/day [4] [6]		1.19 mg/m³ [5] [6]
Calcium carbonate 471-34-1	6.1 mg/kg bw/day [4] [6] 6.1 mg/kg bw/day [4] [7]		1.06 mg/m ³ [5] [6]
Petroleum distillates, solvent-refined heavy paraffinic 64741-88-4	0.74 mg/kg bw/day [4] [6]		1.19 mg/m³ [5] [6]
N-1-naphthylaniline 90-30-2	0.03 mg/kg bw/day [4] [6] 8 mg/kg bw/day [4] [7]	3.33 mg/kg bw/day [4] [6] 3.33 mg/kg bw/day [4] [7]	0.044 mg/m³ [4] [6] 33 mg/m³ [4] [7]

Notes

Systemic health effects.
Local health effects.
Long term.
Short term.

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Urea, N,n``-(methylenedi-4,1-phe nylene)bis[N`- cyclohexyl- 58890-25-8		0.5 μg/L	0.005 µg/L		

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Distillates (petroleum), hydrotreated heavy naphthenic 64742-52-5					9.33 mg/kg food
Residual oils (petroleum), solvent refined 64742-01-4					9.33 mg/kg food
Calcium carbonate 471-34-1			100 mg/L		
Urea, N,n``-(methylenedi-4,1-phe nylene)bis[N`- cyclohexyl- 58890-25-8	0.14 mg/kg sediment dw	0.014 mg/kg sediment dw	10 mg/L	0.027 mg/kg soil dw	
Petroleum distillates, solvent-refined heavy paraffinic 64741-88-4					9.33 mg/kg food

8.2. Exposure controls

Engineering controls	Showers Eyewash stations Ventilation systems.
Personal protective equipment Eye/face protection	If there is a risk of contact: Tight sealing safety goggles. Eye protection must conform to standard EN 166.
Hand protection	Chemical resistant gloves. Gloves must conform to standard EN 374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
General hygiene considerations	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling. Wash hands before eating, drinking or smoking.
Environmental exposure controls	Local authorities should be advised if significant spillages cannot be contained.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Dark green, Grease	
Physical state	Solid	
Colour	Dark green	
Odour	Mild, Petroleum oil	

Odour threshold	No information available	
PropertyMelting point / freezing pointInitial boiling point and boiling rangeFlammabilityFlammability Limit in AirUpper flammability or explosivelimitsLower flammability or explosivelimitsFlash pointAutoignition temperatureDecomposition temperaturepHpH (as aqueous solution)Kinematic viscosityDynamic viscosityWater solubilitySolubility(ies)Partition coefficientVapour pressureRelative densityBulk densityLiquid DensityParticle characteristicsParticle SizeParticle SizeParticle Size	Values je > 20.5 cSt	Remarks• MethodNo data availableNo data available
Explosive properties Oxidising properties	No information available. No information available.	
9.2. Other information		
VOC	No information available	
SECTION 10: Stability and	reactivity	
10.1. Reactivity		
Reactivity	No information available.	
10.2. Chemical stability		
Stability	Stable under normal conditions.	
Explosion data Sensitivity to mechanical impac Sensitivity to static discharge	t None. None.	
10.3. Possibility of hazardous react	ions	
Possibility of hazardous reactions	None under normal processing.	
10.4. Conditions to avoid		
Conditions to avoid	None known based on information sup	oplied.

10.5. Incompatible materials

(M)SDS Number WPS-PAR-007

Incompatible materials

None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions.

SECTION 11: Toxicological information

11.1. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. Inhalation of vapours in high concentration may cause irritation of respiratory system.
Eye contact	Specific test data for the substance or mixture is not available. Contact with eyes may cause irritation.
Skin contact	Specific test data for the substance or mixture is not available. May cause irritation. May cause sensitisation in susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available.
Symptoms related to the physic	al, chemical and toxicological characteristics

Symptoms

None known.

Acute toxicity_.

Numerical measures of toxicity

Oral LD50 Dermal LD50	> 5,000 mg/kg (rat)> 5,000 mg/kg (rabbit)		
Component Information			
Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Distillates (petroleum), hydrotreated heavy naphthenic	> 5000 mg/kg (Rat)	>5000 mg/kg (Rabbit)	-
Residual oils (petroleum), solvent refined	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat)4 h
Urea, N,n``-(methylenedi-4,1-phenyle ne)bis[N`- cyclohexyl-	-	> 2000 mg/kg (Rat)	-
Petroleum distillates, solvent-refined heavy paraffinic	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5530 mg/m³ (Rat)4 h
N-1-naphthylaniline	= 1625 mg/kg (Rat)	> 8000 mg/kg (Rabbit)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

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

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	The supplier declares that it can be shown that the substance(s) contain less than 3% DMSO extract as measured by IP 346.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name		United Kingdom	
Distillates (petroleum), hydrotreated heavy naphthenic		Carc. 1B	
Residual oils (petroleum), solvent refined		Carc. 1B	
Petroleum distillates, solven	t-refined heavy paraffinic	Carc. 1B	
Reproductive toxicity	Based on available data, the classification criteria are not met.		
STOT - single exposure	Based on available data, the classification criteria are not met.		
STOT - repeated exposure	Based on available data, the classification criteria are not met.		
Aspiration hazard	Based on available data, the classification criteria are not met.		
Other adverse effects	No information available.		

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Distillates (petroleum), hydrotreated heavy naphthenic	-	LC50: >5000mg/L (96h, Oncorhynchus mykiss)	-	EC50: >1000mg/L (48h, Daphnia magna)
Residual oils (petroleum), solvent refined	-	LC50: >5000mg/L (96h, Oncorhynchus mykiss)	-	EC50: >1000mg/L (48h, Daphnia magna)
Urea, N,n``-(methylenedi-4,1-p henylene)bis[N`- cyclohexyl-	-	LC50: >100mg/L (96h, Danio rerio)	-	-
Petroleum distillates, solvent-refined heavy paraffinic	-	LC50: >5000mg/L (96h, Oncorhynchus mykiss)	-	EC50: >1000mg/L (48h, Daphnia magna)
N-1-naphthylaniline	_	LC50: =0.44mg/L (96h, Oncorhynchus mykiss)	-	-

12.2. Persistence and degradability

Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

Chemical name	Partition coefficient	
Urea, N,n``-(methylenedi-4,1-phenylene)bis[N`- cyclohexyl-	5	
Diphenyl methanebis(stearylurea)	21	
N-1-naphthylaniline	4.28	

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Distillates (petroleum), hydrotreated heavy naphthenic	The substance is not PBT / vPvB
Residual oils (petroleum), solvent refined	The substance is not PBT / vPvB
Urea, N,n``-(methylenedi-4,1-phenylene)bis[N`- cyclohexyl-	The substance is not PBT / vPvB
Diphenyl methanebis(stearylurea)	The substance is not PBT / vPvB
Petroleum distillates, solvent-refined heavy paraffinic	The substance is not PBT / vPvB
N-1-naphthylaniline	The substance is not PBT / vPvB

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information

IMDG	Not regulated
14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	None
Special Provisions	None
14.7 Maritime transport in bulk	No information available
14.7 Maritime transport in bulk according to IMO instruments <u>RID</u>	No information available Not regulated

 14.1 UN number 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Environmental hazards 14.6 Special Precautions for Users Special Provisions 	Not regulated Not regulated Not regulated Not applicable Not applicable None
ADR 14.1 UN number or ID number 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Environmental hazards 14.6 Special Precautions for Users Special Provisions	Not regulated Not regulated Not regulated Not regulated Not applicable Not applicable None
IATA14.1UN number or ID number14.2UN proper shipping name14.3Transport hazard class(es)14.4Packing group14.5Environmental hazards14.6Special Precautions for Users Special Provisions Note:	Not regulated Not regulated Not regulated Not regulated Not applicable Not applicable None None

SECTION 15: Regulatory information

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

National regulations

Authorisations and/or restrictions on use:

This product contains one or more substances subject to restriction (UK REACH - Annex XVII).

Chemical name	· · ·	Substance subject to authorisation per
	Annex XVII	REACH Annex XIV
Distillates (petroleum), hydrotreated heavy	Use restricted. See item 28.	-
naphthenic - 64742-52-5	Restricted Carcinogen 1B	
Residual oils (petroleum), solvent refined -	Use restricted. See item 28.	-
64742-01-4	Restricted Carcinogen 1B	
Petroleum distillates, solvent-refined heavy	Use restricted. See item 28.	-
paraffinic - 64741-88-4	Restricted Carcinogen 1B	

Persistent Organic Pollutants

Not applicable

Export Notification requirements

Not applicable

Named dangerous substances per COMAH Regulations 2015 (as amended)

Chemical name	Lower-tier requirements (tons)	Upper-tier requirements (tons)
Distillates (petroleum), hydrotreated heavy	-	25000
naphthenic - 64742-52-5		

The Ozone-Depleting Substances Regulations 2015 Not applicable

The Biocidal Products Regulations 2001 (as amended)

Not applicable

The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended) Not applicable

Poisons Act 1972 (Explosive Precursors) Regulations (as Amended)

Not applicable

International Inventories

Contact supplier for inventory compliance status

15.2. Chemical safety assessment

Chemical Safety Report

No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H350 - May cause cancer

H413 - May cause long lasting harmful effects to aquatic life

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitisers	SCBA	Self-contained breathing apparatus

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR) U.S. Environmental Protection Agency ChemView Database European Food Safety Authority (EFSA) European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC) European Chemicals Agency (ECHA) (ECHA_API)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s)) U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act U.S. Environmental Protection Agency High Production Volume Chemicals Food Research Journal Hazardous Substance Database International Uniform Chemical Information Database (IUCLID) National Institute of Technology and Evaluation (NITE) Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS) NIOSH (National Institute for Occupational Safety and Health) National Library of Medicine's ChemID Plus (NLM CIP) National Library of Medicine's PubMed database (NLM PUBMED) National Toxicology Program (NTP) New Zealand's Chemical Classification and Information Database (CCID) Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme Organisation for Economic Co-operation and Development Screening Information Data Set World Health Organization

Issuing Date	24-Jul-2023
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Revision Note	Initial Release

This material safety data sheet complies with the requirements of UK REACH

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Disclaimer

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

End of Safety Data Sheet