

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Reference number: 21607 Issue date: 11/01/2024 Revision date: 11/01/2024 Version: 1.0

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

1.1. Product identifier

Product form	: Mixture
Product name	: Race 4 TT 10W-40
Product code	: 7581
Type of product	: Engine oil
Product group	: Trade product

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

1.2.1. Relevant identified uses

Main use category	: Industrial use, Professional use
Use of the substance/mixture	: Lubricants and additives
Function or use category	: Lubricants and additives

Title	Life cycle stage	Use descriptors
General industrial use of lubricants and greases in vehicles or machinery. Includes filling and draining of containers and enclosed machinery (including engines)	Industrial, Professional	SU3, PC17, PC24, PROC1, PROC8b, ERC4, ERC7

Full text of use descriptors: see section 16

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

Morris Lubricants Castle Foregate SY1 2EL Shrewsbury – Shropshire United Kingdom T +44 (0) 1743 232200 sds@morris-lubricants.co.uk

1.4. Emergency telephone number

Emergency number

: +44 (0) 1743 232200 08.45 - 17.00 GMT

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements

: EUH210 - Safety data sheet available on request.

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
distillates (petroleum), solvent-dewaxed light paraffinic; baseoil -unspecified substance with national workplace exposure limit(s) (BE, BG, CZ, DK, FI, GB, GR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SK, IS, NO, CH)	CAS-No.: 64742-56-9 EC-No.: 265-159-2 EC Index-No.: 649-469-00-9 REACH-no: 01-2119480132- 48	≥ 0.1 – < 5	Not classified
Distillates (petroleum), solvent-dewaxed heavy paraffinic substance with national workplace exposure limit(s) (BE, BG, CZ, DK, FI, GB, GR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SK, IS, NO, CH)	CAS-No.: 64742-65-0 EC-No.: 265-169-7 EC Index-No.: 649-474-00-6 REACH-no: 01-2119471299- 27, UK-01-0119695008-1	≥ 0.1 – < 5	Asp. Tox. 1, H304
Distillates,hydrotreated heavy paraffinic substance with national workplace exposure limit(s) (BE, BG, CZ, DK, FI, GB, GR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SK, IS, NO, CH)	CAS-No.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627- 25, UK-01-1759217276-5	≥ 0.1 – < 5	Not classified
Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl)- bis(phosphorodithioate)	CAS-No.: 2215-35-2 EC-No.: 218-679-9 REACH-no: 01-2119953275- 34, UK-01-7862621825-5	≥ 0.1 – < 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
paraffin oils (petroleum), catalytic dewaxed heavy	CAS-No.: 64742-70-7 EC-No.: 265-174-4 EC Index-No.: 649-477-00-2 REACH-no: 01-2119487080- 42	≥ 0.1 – < 5	Asp. Tox. 1, H304

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl)- bis(phosphorodithioate)	CAS-No.: 2215-35-2 EC-No.: 218-679-9 REACH-no: 01-2119953275- 34, UK-01-7862621825-5	(6.25 ≤ C < 100) Skin Irrit. 2, H315 (10 ≤ C < 100) Eye Dam. 1, H318

Comments

: A petroleum product. DMSO extract < 3 % weight (IP 346)

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

SECTION 4: First aid measures 4.1. Description of first aid measures

First-aid measures general

: If you feel unwell, seek medical advice.

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First-aid measures after inhalation	: Move the affected person away from the contaminated area and into the fresh air. If you feel unwell, seek medical advice.
First-aid measures after skin contact	 Take off contaminated clothing and wash it before reuse. Gently wash with plenty of soap and water.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Get medical advice/attention if you feel unwell. Do NOT induce vomiting.
4.2. Most important symptoms and e	ffects, both acute and delayed
Symptoms/effects after inhalation	: None under normal use. Inhalation may cause irritation (cough, short breathing, difficulty in breathing).
Symptoms/effects after skin contact	: Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact	: May cause slight irritation.
Symptoms/effects after ingestion	: Although not classified, the product contains mineral oil. If aspirated into the lungs e.g. through vomiting after ingestion, admit to hospital immediately.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures			
5.1. Extinguishing media			
Suitable extinguishing media Unsuitable extinguishing media	Dry chemical, CO2, dry sand, or alcohol-resistant foam.Do not use a heavy water stream.		
5.2. Special hazards arising from the substance or mixture			
Explosion hazard Hazardous decomposition products in case of fire	 Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Toxic fumes may be released. Carbon monoxide. Carbon dioxide. 		
5.3. Advice for firefighters			
Precautionary measures fire Firefighting instructions Protection during firefighting	 Keep container closed when not in use. Prevent fire fighting water from entering the environment. Use water spray or fog for cooling exposed containers. Self-contained breathing apparatus. 		

SECTION 6: Accidental release measures			
6.1. Personal precautions, protective equipment and emergency procedures			
General measures	: Clean up any spills as soon as possible, using an absorbent material to collect it.		
6.1.1. For non-emergency personnel			
Protective equipment Emergency procedures	 Wear recommended personal protective equipment. Evacuate unnecessary personnel. Caution : this product can cause the floor to be very slippery. 		
6.1.2. For emergency responders			
No additional information available			
6.2. Environmental precautions			
Do not allow to enter drains or water courses. Notify authorities if liquid enters sewers or public waters.			
6.3. Methods and material for containment and cleaning up			

For containment

: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

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Methods for cleaning up	: Clear up rapidly by scoop or vacuum. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid with sand or inert absorbent and remove to safe place. Notify authorities if product enters sewers or public waters. This material and its container must be disposed of in a safe way, and as per local legislation.
6.4. Reference to other sections	
No additional information available	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed Precautions for safe handling Hygiene measures	 Not expected to present a significant hazard under anticipated conditions of normal use. Do not eat, drink or smoke when using this product. Wear personal protective equipment. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking

7.2. Conditions for safe storage,	including any incompatibilities
Technical measures	: Store in a well-ventilated place. Keep container tightly closed.
Storage conditions	 Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep container closed when not in use. Store in a dry place.
Incompatible products	: Oxidizing agent. Strong acids. Strong bases.
Storage area	: Store in a well-ventilated place.
Special rules on packaging	: Store in a closed container.

and when leaving work.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

distillates (petroleum), solvent-dewaxed light paraffinic; baseoil -unspecified (64742-56-9)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	5 mg/m³	
Regulatory reference	EU OEL	
Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	5 mg/m³	
Regulatory reference	EU OEL	
Distillates,hydrotreated heavy paraffinic (64742-54-7)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	5 mg/m³	
Regulatory reference	EU OEL	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

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8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or face shield

8.2.2.2. Skin protection

Skin and body protection: Wear protective clothing

Hand protection:

Gloves

8.2.2.3. Respiratory protection

Respiratory protection:

No respiratory protection needed under normal use conditions

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state :	Liquid
Colour :	Pale Amber.
Appearance :	Liquid.
Odour :	mild.
Odour threshold :	Not available
Melting point :	Not available
Freezing point :	Not available
Boiling point :	> 320 °C
Flammability :	Not flammable, Heating may cause a fire.
Lower explosion limit :	Not available
Upper explosion limit :	Not available
Flash point :	210 °C PMCC
Auto-ignition temperature :	Not available
Decomposition temperature :	Not available
pH :	Not available
Viscosity, kinematic @ 40°C	88.37 mm²/s

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Solubility	: Material nearly insoluble in water. Soluble in organic solvents.
Partition coefficient n-octanol/water (Log Kow)	\approx 7 Not determined. Typical for mineral oil
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 0.847
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Additional information

: The product is a complex mixture, the majority of which would not be classed as a VOC. However it cannot be discounted that trace or low levels of VOCs may be present.

10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

SECTION 10: Stability and reactivity

No additional information available

10.4. Conditions to avoid

Extremely high or low temperatures. Moisture.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information			
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008			
Acute toxicity (oral): Not classified (Based on available data, the classification criteria are not met)Acute toxicity (dermal): Not classifiedAcute toxicity (inhalation): Not classified			
distillates (petroleum), solvent-dewaxed light paraffinic; baseoil -unspecified (64742-56-9)			
LD50 oral rat	≥ 5000 mg/kg ECHA		
LD50 dermal rabbit	≥ 2000 mg/kg EHCA		
Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)			
LD50 oral rat	≥ 5000 mg/kg IUCLID		
LD50 dermal rabbit	≥ 2000 mg/kg IUCLID		

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Toxicity) Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met) Additional information : Repeated exposure may cause skin dryness or cracking. Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met) Additional information : The eye irritation hazard is based on an evaluation of the data for similar products. Additional information : The eye irritation hazard is based on an evaluation of the data for similar products. Additional information : Not classified (Based on available data, the classification criteria are not met) Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met) Carcinogenicity : Not classified (Based on available data, the classification criteria are not met) Carcinogenicity : Not classified (Based on available data, the classification criteria are not met) Carcinogenicity : Not classified (Based on available data, the classification criteria are not met) Carcinogenicity : Not classified (Based on available data, the classification criteria are not met) Carcinogenicity : Not classified (Based on available data, the classification criteria are not met) oral rat	2230 mg/kg bodyweight Animal: rat, Guideline: other:, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1,66 - 2,99
Additional information : Repeated exposure may cause skin dryness or cracking. Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met) Additional information : Not classified (Based on available data, the classification criteria are not met) Additional information : Not classified (Based on available data, the classification criteria are not met) Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met) Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met) Carcinogenicity : Not classified (Based on available data, the classification criteria are not met) Additional information : This product contain smineral oils which are considered to be severely refined and iconsidered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP346 test Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met) Distillates (petroleum), solvent-dewaxed heavy varifici (64742-65-0) NOAEL (acute, oral, animal/female) > mg/kg bodyweight STOT-repeated exposure : Not classified (Based on available data, the classification crit) dermal rabbit	> 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met) Additional information : The eye irritation hazard is based on an evaluation of the data for similar products. I data show that a specific component present in this product antagonizes (or decreas severity of) the eye irritation of the ZnDTP. Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met) Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met) Carcinogenicity : Not classified (Based on available data, the classification criteria are not met) Carcinogenicity : Not classified (Based on available data, the classification criteria are not met) Carcinogenicity : Not classified (Based on available data, the classification criteria are not met) Carcinogenicity : Not classified (Based on available data, the classification criteria are not met) Carcinogenicity : Not classified (Based on available data, the classification criteria are not met) Carcinogenicity : Not classified (Based on available data, the classification criteria are not met) Stort-single exposure : Not classified (Based on available data, the classification criteria are not met) Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) NOAEL (acute, oral, animal/female) NoZ classified (Based on availabl	corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
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(Repeated Dose 90-Day Oral Toxicity Study in Rodents) NOAEL (dermal, rat/rabbit, 90 days) 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dermal Toxicity: 21/28-Day Study) Zinc 0,0,0',0'-tetrakis(1,3-dimethylbutyl)-bis(phosphorodithioate) (2215-35-2) NOAEL (oral, rat, 90 days) 160 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Re	illates (petroleum), solvent-dewaxed he	eavy paraffinic (64742-65-0)
Dermal Toxicity: 21/28-Day Study) Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl)-bis(phosphorodithioate) (2215-35-2) NOAEL (oral, rat, 90 days) 160 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Re	EL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (oral, rat, 90 days) 160 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Re	EL (dermal, rat/rabbit, 90 days)	1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
	: O,O,O',O'-tetrakis(1,3-dimethylbutyl)-b	is(phosphorodithioate) (2215-35-2)
Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Tes	EL (oral, rat, 90 days)	160 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Aspiration hazard Not classified Additional information Although not classified, the product contains mineral oil. If aspirated into the lungs e through vomiting after ingestion, admit to hospital immediately.		: Although not classified, the product contains mineral oil. If aspirated into the lungs e.g.
Race 4 TT 10W-40	e 4 TT 10W-40	
Viscosity, kinematic @ 40°C 88.37 mm ² /s	osity, kinematic @ 40°C	88.37 mm²/s
11.2. Information on other hazards	. Information on other hazards	

11.2.2. Other information

Potential adverse human health effects and	:	Based on available data, the classification criteria are not met
symptoms		

SECTION 12: Ecological information	
12.1. Toxicity	
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

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Not rapidly degradable Additional information :	Based on available data, the classification criteria are not met.	
Distillates (petroleum), solvent-dewaxed heav	y paraffinic (64742-65-0)	
LC50 - Fish [1]	≥ 5000 mg/l	
EC50 - Crustacea [1]	≥ 1000 mg/I IUCLID	
EC50 96h - Algae [1]	≥ 1000 mg/I IUCLID	
Zinc 0,0,0',0'-tetrakis(1,3-dimethylbutyl)-bis(phosphorodithioate) (2215-35-2)	
LC50 - Fish [1]	4.5 mg/l Fathead Minnow	
LC50 - Fish [2]	46 mg/kg Sheephead Minnow	
EC50 - Crustacea [1]	23 mg/l Daphnia magna	
EC50 72h - Algae [1]	21 mg/l Scenedesmus quadricauda	
NOEC (chronic)	0.4 mg/l Daphnia magna	
12.2. Persistence and degradability		
Race 4 TT 10W-40		
Persistence and degradability	Not established.	
Zinc 0,0,0',0'-tetrakis(1,3-dimethylbutyl)-bis(phosphorodithioate) (2215-35-2)	
Biodegradation 1.5 % 28 d		
12.3. Bioaccumulative potential		
Race 4 TT 10W-40		
Partition coefficient n-octanol/water (Log Kow)	≈ 7 Not determined. Typical for mineral oil	
distillates (petroleum), solvent-dewaxed light	paraffinic; baseoil -unspecified (64742-56-9)	
Partition coefficient n-octanol/water (Log Pow)	3.9 – 6 IUCLID	
Distillates (petroleum), solvent-dewaxed heav	y paraffinic (64742-65-0)	
Partition coefficient n-octanol/water (Log Pow)	3.9 – 6 IUCLID	
Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl)-bis(phosphorodithioate) (2215-35-2)	
Partition coefficient n-octanol/water (Log Kow)	2.21 @20C	
12.4. Mobility in soil		
No additional information available		
12.5. Results of PBT and vPvB assessment		
No additional information available		
12.6. Endocrine disrupting properties		
No additional information available		
12.7. Other adverse effects		
No additional information available		

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SECTION 13: Disposal considerations	3
13.1. Waste treatment methods	
Product/Packaging disposal recommendations European List of Waste (LoW, EC 2000/532) HP Code	 Dispose of contents/container to a hazardous or special waste collection point. 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils HP15 - "Waste capable of exhibiting a hazardous property listed above not directly displayed by the original waste".

SECTION 14: Transport information

n accordance with ADR / IMDG / IATA / ADN / RID				
ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport Not applicable

Transport by sea Not applicable

Air transport Not applicable

Inland waterway transport Not applicable

Rail transport Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

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REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

United Kingdom

British National Regulations

: GB MCL (Mandatory Classification and Labelling).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:		
CAS-No.	Chemical Abstract Service number	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
ED	Endocrine disrupting properties	
IARC	International Agency for Research on Cancer	
LC50	Median lethal concentration	
LD50	Median lethal dose	
OEL	Occupational Exposure Limit	
РВТ	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	

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Abbreviations and acronyms:		
VOC	Volatile Organic Compounds	
WGK	Water Hazard Class	
vPvB	Very Persistent and Very Bioaccumulative	
Data sources	: ECHA (European Chemicals Agency). REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.	
Training advice	Supplier's safety documents. Normal use of this product shall imply use in accordance with the instructions on the packaging.	

Full text of H- and EUH-statements:		
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
Asp. Tox. 1	Aspiration hazard, Category 1	
EUH210	Safety data sheet available on request.	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H411	Toxic to aquatic life with long lasting effects.	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	

Full text of use descriptors	
ERC4	Use of non-reactive processing aid at industrial site (no inclusion into or onto article)
ERC7	Use of functional fluid at industrial site
PC17	Hydraulic Fluids
PC24	Lubricants, greases, release products
PROC1	Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC8b	Transfer of substance or mixture (charging and discharging) at dedicated facilities
SU3	Industrial uses: Uses of substances as such or in preparations at industrial sites

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

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.