

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Reference number: 21428

Issue date: 31/01/2023 Revision date: 27/03/2023 Supersedes version of: 22/03/2023 Version: 1.2

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

1.1. Product identifier

Product form : Mixture

Product name : Versimax HD4 15W-40

Product code : 7402

Type of product : Lubricant for diesel engines

Product group : End 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

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer NZ Distributor:

Morris Lubricants Oil Distributors Ltd t/a AKTRON

Castle Foregate 14 Railway Road
SY1 2EL Shrewsbury – Shropshire Rangiora 7400
United Kingdom Ph: 0800 70 10 10
T +44 (0) 1743 232200 admin@aktron.co.nz

sds@morris-lubricants.co.uk ERMA Approval Code: HSR002605

1.4. Emergency telephone number

Emergency number National Poison Control Centre 0800 764 766

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/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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 %

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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, hydrotreated heavy paraffinic	CAS-No.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627- 25	≥ 70 – < 90	Not classified
Zinc bis[O-(6-methylheptyl)]bis[O-(sec-butyl)]bis(dithiophosphate)	CAS-No.: 93819-94-4 EC-No.: 298-577-9 REACH-no: 01-2119543726- 33	≥1-<5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
distillates (petroleum), hydrotreated heavy 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.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627- 25, UK-01-1759217276-5	≥ 0.1 – < 5	Asp. Tox. 1, H304
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-	≥ 0.1 – < 5	Asp. Tox. 1, H304
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 REACH-no: 01-2119471299- 27, UK-01-0119695008-1	≥ 0.1 – < 5	Asp. Tox. 1, H304
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 bis[O-(6-methylheptyl)]bis[O-(sec-butyl)]bis(dithiophosphate)	CAS-No.: 93819-94-4 EC-No.: 298-577-9 REACH-no: 01-2119543726- 33	(6.25 ≤C < 9.9) Skin Irrit. 2, H315 (10 ≤C < 12.5) Eye Irrit. 2, H319 (12.5 ≤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

27/03/2023 (Revision date) GB - en 2/12

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 4: First aid measures

First-aid measures after ingestion

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.

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.

: Get medical advice/attention if you feel unwell. Do NOT induce vomiting.

4.2. Most important symptoms and effects, 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 : Dry chemical, CO2, dry sand, or alcohol-resistant foam.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of

burns and injuries.

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon monoxide. Carbon dioxide.

5.3. Advice for firefighters

Precautionary measures fire : Keep container closed when not in use.

Firefighting instructions : Prevent fire fighting water from entering the environment. Use water spray or fog for cooling

exposed containers.

Protection during firefighting : Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : 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.

27/03/2023 (Revision date) GB - en 3/12

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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.

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 and when leaving work.

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.

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,hydrotreated heavy paraffinic (64742-54-7)			
United Kingdom - Occupational Exposure Limits			
WEL TWA (OEL TWA) [1]	5 mg/m³ 8H		
Regulatory reference	EU OEL (Europe).		
distillates (petroleum), hydrotreated heavy paraffinic; baseoil - unspecified (64742-54-7)			
United Kingdom - Occupational Exposure Limits	United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1] 5 mg/m³ 8H			
Regulatory reference EU OEL (Europe).			
distillates (petroleum), solvent-dewaxed light paraffinic; baseoil -unspecified (64742-56-9)			
United Kingdom - Occupational Exposure Limits			
WEL TWA (OEL TWA) [1] 5 mg/m³ 8H			
Regulatory reference EU OEL (Europe).			

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	5 mg/m³ 8H
Regulatory reference	EU OEL (Europe).

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

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

No additional information available

8.2.2.3. Respiratory protection

Respiratory protection:

No respiratory protection needed under normal use conditions

8.2.2.4. Thermal hazards

Boiling point

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 : amber.
Appearance : Liquid.
Odour : mild.
Odour threshold : Not available
Melting point : -33 °C Pour Point
Freezing point : Not available

: > 320 °C

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Flammability : Not flammable, Heating may cause a fire.

Explosive limits : Not available
Lower explosion limit : Not available
Upper explosion limit : Not available

Flash point : 206 °C Pensky-Martens closed cup.

Auto-ignition temperature : Not available

Decomposition temperature : Not available

pH : Not available

Viscosity, kinematic : 109 mm²/s @40°C

Solubility : Material nearly insoluble in water. Soluble in organic solvents.

Partition coefficient n-octanol/water (Log Kow) : ≈ 7 Not determined. Typical for mineral oil

Vapour pressure: Not availableVapour pressure at 50° C: Not availableDensity: Not availableRelative density: $\approx 0.873 \ @15.6^{\circ}$ CRelative vapour density at 20° C: Not availableParticle 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.

SECTION 10: Stability and reactivity

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

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 classified Acute toxicity (inhalation) : Not classified

Distillates,hydrotreated heavy paraffinic (64742-54-7)	
LD50 oral rat	> 15000 mg/kg Source: IUCLID
LD50 dermal rabbit	> 5000 mg/kg Source: IUCLID

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

distillates (petroleum), hydrotreated heavy pa	raffinic; baseoil - unspecified (64742-54-7)
LD50 oral rat	> 15000 mg/kg Source: IUCLID
LD50 dermal rabbit	> 5000 mg/kg Source: IUCLID
distillates (petroleum), solvent-dewaxed light	paraffinic; baseoil -unspecified (64742-56-9)
LD50 oral rat	> 5000 mg/kg Source: ECHA
LD50 dermal rabbit	> 2000 mg/kg Source: EHCA
LC50 Inhalation - Rat (Dust/Mist)	> 2.18 mg/l Source: ECHA
Distillates (petroleum), solvent-dewaxed heav	y paraffinic (64742-65-0)
LD50 oral rat	> 5000 mg/kg Source: IUCLID
LD50 dermal rabbit	> 2000 mg/kg Source: IUCLID
Zinc bis[O-(6-methylheptyl)]bis[O-(sec-butyl)]	bis(dithiophosphate) (93819-94-4)
LD50 oral rat	> 2600 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
	Not classified (Based on available data, the classification criteria are not met) Repeated exposure may cause skin dryness or cracking.
Zinc bis[O-(6-methylheptyl)]bis[O-(sec-butyl)]	bis(dithiophosphate) (93819-94-4)
Skin corrosion/irritation, Guinea pig	≥ 6.25 (4 Hours, (OECD 404 method))
Serious eye damage/irritation :	Not classified (Based on available data, the classification criteria are not met)
Zinc bis[O-(6-methylheptyl)]bis[O-(sec-butyl)]	bis(dithiophosphate) (93819-94-4)
Serious eye damage/irritation, rabbit	10 ≥ 12.5 ≤ (504 Hours)
Germ cell mutagenicity : Carcinogenicity :	Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified This product contains mineral oils which are considered to be severely refined and not considered 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)
•	Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure : Zinc bis[O-(6-methylheptyl)]bis[O-(sec-butyl)]	Not classified (Based on available data, the classification criteria are not met)
LOAEL (dermal, rat/rabbit, 90 days)	≈ 70 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
NOAEL (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)
•	Not classified Although not classified, the product contains mineral oil. If aspirated into the lungs e.g. through vomiting after ingestion, admit to hospital immediately.
Versimax HD4 15W-40	
Viscosity, kinematic	109 mm²/s @40°C
Distillates, hydrotreated heavy paraffinic (6474	42-54-7)

11.2. Information on other hazards

No additional information available

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term : Not classified

(acute)

Hazardous to the aquatic environment, long-term : Not classified

(chronic)

Not rapidly degradable

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

Additional information .	based on available data, the sidesimodition officing are not met.	
Distillates,hydrotreated heavy paraffinic (64742-54-7)		
LC50 - Fish [1]	> 5000 mg/l	
EC50 - Crustacea [1]	> 1000 mg/l Source: IUCLID	
EC50 96h - Algae [1]	> 1000 mg/l Source: IUCLID	
distillates (petroleum), hydrotreated heavy pa	raffinic; baseoil - unspecified (64742-54-7)	
LC50 - Fish [1]	> 5000 mg/l	
EC50 - Crustacea [1]	> 1000 mg/l Source: IUCLID	
EC50 96h - Algae [1]	> 1000 mg/l Source: IUCLID	
Distillates (petroleum), solvent-dewaxed heav	y paraffinic (64742-65-0)	
LC50 - Fish [1]	> 5000 mg/l Source: IUCLID	
EC50 - Crustacea [1]	> 1000 mg/l Source: IUCLID	
EC50 96h - Algae [1]	> 1000 mg/l Source: IUCLID	
Zinc bis[O-(6-methylheptyl)]bis[O-(sec-butyl)]	bis(dithiophosphate) (93819-94-4)	
EC50 - Crustacea [1]	5.4 mg/l Test organisms (species): Daphnia magna	
EC50 72h - Algae [1]	2.1 mg/l Test organisms (species): other:	
EC50 72h - Algae [2]	2 mg/l Test organisms (species): other:	
EC50 96h - Algae [1]	2.1 mg/l Test organisms (species): other:	
EC50 96h - Algae [2]	2 mg/l Test organisms (species): other:	

12.2. Persistence and degradability

Versimax HD4 15W-40	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Versimax HD4 15W-40		
Partition coefficient n-octanol/water (Log Kow)	≈ 7 Not determined. Typical for mineral oil	
Distillates,hydrotreated heavy paraffinic (64742-54-7)		
Partition coefficient n-octanol/water (Log Pow) 3.9 – 6 Source: IUCLID		
distillates (petroleum), hydrotreated heavy paraffinic; baseoil - unspecified (64742-54-7)		
Partition coefficient n-octanol/water (Log Pow) 3.9 – 6 Source: IUCLID		
distillates (petroleum), solvent-dewaxed light paraffinic; baseoil -unspecified (64742-56-9)		
Partition coefficient n-octanol/water (Log Pow) 3.9 – 6 Source: IUCLID		

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)

Partition coefficient n-octanol/water (Log Pow) 3.9 – 6 Source: IUCLID

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations European List of Waste (LoW) code 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

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID	
14.1. UN number or ID n	14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable Not applicable		
14.2. UN proper shippin	g name				
Not applicable	Not applicable Not applicable Not applicable Not applicable Not applicable		Not applicable		
14.3. Transport hazard o	14.3. Transport hazard class(es)				
Not applicable	Not applicable Not applicable Not applicable Not applicable Not applicable			Not applicable	
14.4. Packing group	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 Not applicable				
No supplementary information	No supplementary information available				

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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)

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

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes			
Section Changed item Change Comments			
	Supersedes version of	Added	
	Revision date	Added	
13.1	European List of Waste (LoW) code	Added	

Abbreviations and acr	onyms:
CAS-No. Chemical Abstract Service number	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Abbreviations and acronyms:	
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
PBT	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
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. Supplier's safety documents.

Training advice

: 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
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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.