

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Reference number: 23978 Issue date: 30/03/2023 Revision date: 30/03/2023 Version: 1.0

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

# **1.1. Product identifier**

Product form	: Mixture
Product name	: Agrimax HY
Product code	: 7825
Type of product	: Transmission 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, ERC4, ERC7
General industrial use of lubricants and greases in vehicles or machinery. Includes filling and draining of containers and enclosed machinery (including engines)	Industrial	SU3, PC17, PC24, 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]	
Skin sensitisation, Category 1 Full text of H- and EUH-statements: see section 16	H317
Adverse physicochemical, human health and environmental effects	
No additional information available	

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# 2.2. Label elements

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

Hazard pictograms (CLP)	
Signal word (CLP)	GHS07 : Warning
Contains	<ul> <li>Warning</li> <li>Benzenesulfonic acid, para-, monoalkylation products with C14-C18 branched olefins derived from propene oligomerization, calcium salt, overbased, including distillates (petroleum), hydrotreated heavy paraffinic C10-C50</li> </ul>
Hazard statements (CLP)	: H317 - May cause an allergic skin reaction.
Precautionary statements (CLP)	<ul> <li>P261 - Avoid breathing spray, mist.</li> <li>P280 - Wear protective clothing, eye protection, face protection.</li> <li>P302+P352 - IF ON SKIN: Wash with plenty of soap and water.</li> <li>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.</li> <li>P362+P364 - Take off contaminated clothing and wash it before reuse.</li> <li>P501 - Dispose of contents and container to a hazardous or special waste collection point.</li> </ul>
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 %

# 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), 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	≤50-<80	Not classified
Lubricating oil (petroleum) C20- C50,hydrotreated,neutral oil based	CAS-No.: 72623-87-1 EC-No.: 276-738-4 REACH-no: 01-2119474889- 13	≥ 10 – < 30	Asp. Tox. 1, H304
Highly refined mineral oil (C15 - C50) 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)	-	≥1-<5	Not classified
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)	CAS-No.: 4259-15-8 EC-No.: 224-235-5 REACH-no: 01-2119493635- 27, UK-01-0036152048-9	≥1-<5	Eye Dam. 1, H318 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Benzenesulfonic acid, para-, monoalkylation products with C14-C18 branched olefins derived from propene oligomerization, calcium salt, overbased, including distillates (petroleum), hydrotreated heavy paraffinic C10-C50	CAS-No.: 68610-84-4 EC-No.: 701-205-4 REACH-no: 01-2119657986- 16	≥ 0.1 – < 5	Skin Sens. 1, H317 Aquatic Chronic 4, H413
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	< 1	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	< 1	Asp. Tox. 1, H304
Distillates (petroleum), hydrotreated light 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.: 64742-55-8 EC-No.: 265-158-7 REACH-no: 01-2119487077- 29	< 1	Asp. Tox. 1, H304

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)	CAS-No.: 4259-15-8 EC-No.: 224-235-5 REACH-no: 01-2119493635- 27, UK-01-0036152048-9	( 50 ≤C < 100) Eye Dam. 1, H318 ( 80 ≤C < 100) Eye Irrit. 2, H319

Comments

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

Mineral oil contained may be described by one or more of the following:

EC No. 265-157-1, Registration No. 01-2119484627-25 (UK-01-1759217276-5), Distillates (petroleum), hydrotreated heavy paraffinic;

EC No. 265-169-7, Registration No. 01-2119471299-27 (UK-01-0119695008-1), Distillates (petroleum), solvent-dewaxed heavy paraffinic;

EC No. 265-158-7, Registration No. 01-2119487077-29 (UK-01-6871927170-9), Distillates (petroleum), hydrotreated light paraffinic;

EC No. 265-159-2, Registration No. 01-2119480132-48 (UK-01-6953758963-7), Distillates (petroleum), solvent-dewaxed light paraffinic

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.
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.

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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	<ul> <li>Repeated exposure may cause skin dryness or cracking. Repeated or prolonged contact may cause sensitization of the skin (dermatitis, reddening,).</li> </ul>	
Symptoms/effects after eye contact	: May cause slight irritation.	
Symptoms/effects after ingestion	<ul> <li>Although not classified, the product contains mineral oil. If aspirated into the lungs e.g. through vomiting after ingestion, admit to hospital immediately.</li> </ul>	

# 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	<ul><li>Dry chemical, CO2, dry sand, or alcohol-resistant foam.</li><li>Do not use a heavy water stream.</li></ul>	
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 Firefighting instructions	<ul> <li>Keep container closed when not in use.</li> <li>Prevent fire fighting water from entering the environment. Use water spray or fog for cooling exposed containers.</li> </ul>	
Protection during firefighting	: Self-contained breathing apparatus.	

SECTION 6: Accidental release measures		
6.1. Personal precautions, protect	tive equipment and emergency procedures	
6.1.1. For non-emergency personnel		
Brotostivo oguinmont	· Weer recommended personal protective equipment	

# 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.

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

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SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed Precautions for safe handling Hygiene measures	<ul> <li>Not expected to present a significant hazard under anticipated conditions of normal use.</li> <li>Do not eat, drink or smoke when using this product.</li> <li>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.</li> </ul>
7.2. Conditions for safe storage, inclu	ding any incompatibilities
Technical measures Storage conditions	<ul> <li>Store in a well-ventilated place. Keep container tightly closed.</li> <li>Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep container closed when not in use. Store in a dry place.</li> </ul>
Incompatible products Storage area Special rules on packaging	<ul><li>Oxidizing agent. Strong acids. Strong bases.</li><li>Store in a well-ventilated place.</li><li>Store in a closed container.</li></ul>

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), 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).	
Highly refined mineral oil (C15 - C50)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	5 mg/m³	
WEL STEL (OEL STEL)	10 mg/m³	
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).	
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).	
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	5 mg/m³ 8H	
Regulatory reference	EU OEL (Europe).	

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#### 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

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	: red.
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.
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 208 °C PMCC
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available

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рН	: Not available
Viscosity, kinematic	: 40.4 mm²/s @40C
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	: 0.871
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.

SECTION 10: Stability a	nd reactivity
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# 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 (dermal) :	Not classified (Based on available data, the classification criteria are not met) Not classified Not classified	
Distillates (petroleum), hydrotreated heavy pa	raffinic (64742-54-7)	
LD50 oral rat	> 15000 mg/kg Source: IUCLID	
LD50 dermal rabbit	> 5000 mg/kg Source: IUCLID	
Lubricating oil (petroleum) C20-C50, hydrotreated, neutral oil based (72623-87-1)		
LD50 oral rat	> 5000 mg/kg	
LD50 dermal rabbit	> 2000 mg/kg	
LC50 Inhalation - Rat	> 5.53 mg/l	

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LD50 oral rat	3100 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
distillates (petroleum), solvent-dewaxe	d 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-dewaxe	d heavy paraffinic (64742-65-0)
LD50 oral rat	> 5000 mg/kg Source: IUCLID
LD50 dermal rabbit	> 2000 mg/kg Source: IUCLID
Skin corrosion/irritation Additional information	<ul> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Repeated exposure may cause skin dryness or cracking.</li> </ul>
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified
Additional information	: 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)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dith	iophosphate) (4259-15-8)
NOAEL (oral, rat, 90 days)	125 mg/kg bodyweight/day
Aspiration hazard	: Not classified
Additional information	: Although not classified, the product contains mineral oil. If aspirated into the lungs e.g. through vomiting after ingestion, admit to hospital immediately.
Agrimax HY	
Viscosity, kinematic	40.4 mm²/s @40C
Lubricating oil (petroleum) C20-C50,hy	drotreated,neutral oil based (72623-87-1)

No additional information available

# **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.

 Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

 LC50 - Fish [1]
 > 5000 mg/l

 EC50 - Crustacea [1]
 > 1000 mg/l Source: IUCLID

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Distillates (petroleum), hydrotreated heavy pa	raffinic (64742-54-7)	
EC50 96h - Algae [1]	> 1000 mg/l Source: IUCLID	
Lubricating oil (petroleum) C20-C50,hydrotreated,neutral oil based (72623-87-1)		
LC50 - Fish [1]	> 100 mg/l 96H	
EC50 - Crustacea [1]	> 10000 mg/l 48H	
Zinc bis[0,0-bis(2-ethylhexyl)] bis(dithiophos	phate) (4259-15-8)	
LC50 - Fish [1]	46 mg/l Test organisms (species): Cyprinodon variegatus	
LC50 - Fish [2]	46 mg/l Test organisms (species):	
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	
12.2. Persistence and degradability		
Agrimax HY		
Persistence and degradability	Not established.	
Distillates (petroleum), hydrotreated heavy pa	raffinic (64742-54-7)	
Persistence and degradability	Not established.	
Zinc bis[0,0-bis(2-ethylhexyl)] bis(dithiophos	phate) (4259-15-8)	
Biodegradation	< 5 % 27 days	
12.3. Bioaccumulative potential		
Agrimax HY		
Partition coefficient n-octanol/water (Log Kow)	≈ 7 Not determined. Typical for mineral oil	
Distillates (petroleum), hydrotreated heavy pa	raffinic (64742-54-7)	
Partition coefficient n-octanol/water (Log Pow)	3.9 – 6 Source: IUCLID	
Partition coefficient n-octanol/water (Log Kow)	≈ 7 Not determined. Typical for mineral oil	
Zinc bis[0,0-bis(2-ethylhexyl)] bis(dithiophos	phate) (4259-15-8)	
Partition coefficient n-octanol/water (Log Pow)	3.59	
distillates (petroleum), solvent-dewaxed light	paraffinic; baseoil -unspecified (64742-56-9)	
Partition coefficient n-octanol/water (Log Pow)	3.9 – 6 Source: IUCLID	
Distillates (petroleum), solvent-dewaxed heav	y 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

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### 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 03 10\* - other insulating and heat transmission oils

: HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.

# **SECTION 14: Transport information**

ADR	IMDG	ΙΑΤΑ	ADN	RID
4.1. UN number or ID r	number	· · · · · · · · · · · · · · · · · · ·		
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shippir	ng 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 ha	zards			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

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# **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**

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	

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Abbreviations and acronyms:		
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	
Aquatic Chronic 4	Hazardous to the aquatic environment – Chronic Hazard, Category 4	
Asp. Tox. 1	Aspiration hazard, Category 1	
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.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H411	Toxic to aquatic life with long lasting effects.	
H413	May cause long lasting harmful effects to aquatic life.	
Skin Sens. 1	Skin sensitisation, Category 1	

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.