

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Reference number: 21671 Issue date: 18/07/2023 Revision date: 18/07/2023 Version: 1.0

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

## 1.1. Product identifier

Product form	: Mixture
Product name	: Ankor C Preservative Oil
Product code	: 7734
Type of product	: Corrosion Preventative
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	: Corrosion Preventative
Function or use category	: Lubricants and additives

#### 1.2.2. Uses advised against

Restrictions on use

: No specific uses advised against. Use only for the intended applications

#### 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 mixtu	re		
Classification according to Regulation (EC) No. 12	272/2008 [CLP]		
Serious eye damage/eye irritation, Category 2 Aspiration hazard, Category 1 Full text of H- and EUH-statements: see section 16	H319 H304		
Adverse physicochemical, human health and environmental effects No additional information available			
2.2. Label elements			
Labelling according to Regulation (EC) No. 1272/2	008 [CLP]		
Hazard pictograms (CLP)	GHS07	GHS08	
Signal word (CLP)	: Danger		

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Contains	<ul> <li>Distillates (Petroleum), hydrotreated Heavy Paraffinic; Distillates (petroleum), solvent- dewaxed heavy paraffinic; Pentaerythritol ester of lanolin fatty acids; Amine neutralised succinic acid derivative; sulphonic acids, petroleum, sodium salts; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics; Butyl Glycol Ether; Ethoxylated alkylamines; Alylamine</li> </ul>
Hazard statements (CLP)	<ul> <li>H304 - May be fatal if swallowed and enters airways.</li> <li>H319 - Causes serious eye irritation.</li> </ul>
Precautionary statements (CLP)	<ul> <li>P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor.</li> <li>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P331 - Do NOT induce vomiting.</li> <li>P337+P313 - If eye irritation persists: Get medical advice/attention.</li> <li>P405 - Store locked up.</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]
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	CAS-No.: 64742-48-9: Naphtha (petroleum), hydrotreated heavy EC-No.: 918-481-9 REACH-no: 01-2119457273- 39	≥ 50 – < 70	Asp. Tox. 1, H304
sulphonic acids, petroleum, sodium salts	CAS-No.: 68608-26-4 EC-No.: 271-781-5 REACH-no: 01-2119527859- 22	≥ 10 – < 30	Eye Irrit. 2, H319
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	≥ 5 – < 10	Asp. Tox. 1, H304
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	≥1-<5	Not classified

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Butyl Glycol Ether substance with national workplace exposure limit(s) (GB, NO); substance with a Community workplace exposure limit	CAS-No.: 111-76-2 EC-No.: 203-905-0 EC Index-No.: 603-014-00-0	≥1-<5	Acute Tox. 4 (Oral), H302 (ATE=1414 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h) Skin Irrit. 2, H315 Eye Irrit. 2, H319
Ethoxylated alkylamines	CAS-No.: 13127-82-7 EC-No.: 236-062-2	≥ 0.1	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Corr. 1C, H314 Aquatic Acute 1, H400 (M=10)

#### Comments

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

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

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. Aspiration of this material may cause chemical pneumonia.
4.2. Most important symptoms and eff	ects, both acute and delayed
Symptoms/effects	: Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.
Symptoms/effects after inhalation	<ul> <li>None under normal use. Inhalation may cause irritation (cough, short breathing, difficulty in breathing).</li> </ul>
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	: Aspiration of this material may cause chemical pneumonia.

### 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	: Keep container closed when not in use.	

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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 meas	sures

6.1. Personal precautions, protective equipment and emergency procedures

#### 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.		
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	<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, include	ling 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

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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).	
Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	5 mg/m <sup>3</sup> 8H	
Regulatory reference	EU OEL (Europe).	
Butyl Glycol Ether (111-76-2)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	2-Butoxyethanol	
IOEL TWA	98 mg/m³	
IOEL TWA [ppm]	20 ppm	
IOEL STEL	246 mg/m <sup>3</sup>	
IOEL STEL [ppm]	50 ppm	
Remark	Skin	
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC	
United Kingdom - Occupational Exposure Limits		
Local name	2-Butoxyethanol	
WEL TWA (OEL TWA) [1]	123 mg/m <sup>3</sup>	
WEL TWA (OEL TWA) [2]	25 ppm	
WEL STEL (OEL STEL)	246 mg/m <sup>3</sup>	
WEL STEL (OEL STEL) [ppm]	50 ppm	
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
United Kingdom - Biological limit values	·	
Local name	2-Butoxyethanol	
BMGV	240 mmol/mol Creatinine Parameter: butoxyacetic acid - Medium: urine - Sampling time: Post shift	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

### 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

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#### 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

#### 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	: Dark 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	: 69 °C PMCC
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
рН	: Not available
Viscosity, kinematic @ 40°C	: 7 mm²/s
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 available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 0.859
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

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#### 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 (dermal) :	Not classified (Based on available data, the classification criteria are not met) Not classified Not classified	
Distillates (Petroleum), hydrotreated Heavy Paraffinic (64742-54-7)		
LD50 oral rat	> 15000 mg/kg Source: IUCLID	
LD50 dermal rabbit	> 5000 mg/kg Source: IUCLID	
Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)		
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)	
LD50 dermal rabbit	> 5000 mg/kg	
LC50 Inhalation - Rat	> 5.53 mg/l 4H	
sulphonic acids, petroleum, sodium salts (68608-26-4)		
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:	
LC50 Inhalation - Rat	> 1.9 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other:	

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Hydrocarbons, C10-C13, n-alkanes, isoa heavy)	alkanes, cyclics, < 2% aromatics (64742-48-9: Naphtha (petroleum), hydrotreated		
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)		
LD50 dermal rabbit	≥ 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)		
Butyl Glycol Ether (111-76-2)			
LD50 oral	1414 mg/kg bodyweight Animal: guinea pig, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1020 - 1961		
Skin corrosion/irritation Additional information Serious eye damage/irritation	<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> <li>Causes serious eye irritation. (Based on available data, the classification criteria are not met)</li> </ul>		
Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity Additional information	<ul> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified</li> <li>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</li> </ul>		
Reproductive toxicity STOT-single exposure STOT-repeated exposure	<ul> <li>demonstrated to contain less than 3% extractables by the IP346 test</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> </ul>		
Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)			
LOAEL (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 (dermal, rat/rabbit, 90 days)	≈ 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)		
sulphonic acids, petroleum, sodium sal	ts (68608-26-4)		
NOAEL (oral, rat, 90 days)	500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28- Day Oral Toxicity Study in Rodents)		
NOAEL (dermal, rat/rabbit, 90 days)	> 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)		
Butyl Glycol Ether (111-76-2)			
NOAEL (dermal, rat/rabbit, 90 days)	> 150 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study), Remarks on results: other:		
Ethoxylated alkylamines (13127-82-7)			
NOAEL (oral, rat, 90 days)	30 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28- Day Oral Toxicity Study in Rodents)		
Aspiration hazard	: May be fatal if swallowed and enters airways.		
Ankor C Preservative Oil			
Viscosity, kinematic @ 40°C	7 mm²/s		
Distillates (Petroleum), hydrotreated He	avy Paraffinic (64742-54-7)		
Viscosity, kinematic @ 40°C	96 mm²/s @40C		
Distillates (petroleum), solvent-dewaxed	d heavy paraffinic (64742-65-0)		
Viscosity, kinematic @ 40°C	18 mm²/s @40C		

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Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9: Naphtha (petroleum), hydrotreated heavy)	
Viscosity, kinematic @ 40°C	1.8 mm <sup>2</sup> /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm <sup>2</sup> /s)'
11.2. Information on other hazards	
No additional information available	
SECTION 12: Ecological information	
12.1. Toxicity	
Hazardous to the aquatic environment, short–term : Not classified (acute)	

(acute) Hazardous to the aquatic environment, long-term (chronic)	: Not classified		
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		
EC50 96h - Algae [1]	> 1000 mg/l Source: IUCLID		
sulphonic acids, petroleum, sodium salts (	68608-26-4)		
EC50 72h - Algae [1]	> 1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)		
EC50 96h - Algae [1]	> 1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)		
Butyl Glycol Ether (111-76-2)			
LC50 - Fish [1]	1474 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)		
EC50 - Crustacea [1]	≈ 1800 mg/l Test organisms (species): Daphnia magna		
NOEC (chronic)	100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		
NOEC chronic fish	≥ 100 mg/l Test organisms (species): Oryzias latipes Duration: '14 d'		
Ethoxylated alkylamines (13127-82-7)			
LC50 - Fish [1]	0.1 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)		
EC50 - Crustacea [1]	0.043 mg/l Test organisms (species): Daphnia magna		
12.2. Persistence and degradability			
Ankor C Preservative Oil	Ankor C Preservative Oil		
Persistence and degradability	Not established.		
12.3. Bioaccumulative potential			
Ankor C Preservative Oil			
Partition coefficient n-octanol/water (Log Kow)	≈ 7 Not determined. Typical for mineral oil		
Distillates (Petroleum), hydrotreated Heavy	Distillates (Petroleum), hydrotreated Heavy Paraffinic (64742-54-7)		

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

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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	<ul> <li>Dispose of contents/container to a hazardous or special waste collection point.</li> <li>13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils</li> <li>HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.</li> </ul>	

## **SECTION 14: Transport information**

IMDG mber Not regulated name	IATA Not regulated	ADN Not regulated	RID Not regulated
Not regulated	Not regulated	Not regulated	Not regulated
č	Not regulated	Not regulated	Not regulated
č	Not regulated	Not regulated	Not regulated
name	·,		
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
	Not regulated Not regulated	ss(es) Not regulated	SS(es)     Not regulated     Not regulated       Not regulated     Not regulated       Not regulated     Not regulated       Not regulated     Not regulated

14.6. Special precautions for user

#### Overland transport Not regulated

Not regulated

Transport by sea Not regulated

Air transport

Not regulated

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#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

#### 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**

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	

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Abbreviations and acronyms:	
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.
 Normal use of this product shall imply use in accordance with the instructions on the

Training advice

packaging.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2

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.