# XTM 15W40 MULTIFLEET

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Reference number: 36881
Issue date: 22-11-17 Revision date: 02-03-26 Supersedes version of: 14-05-24 Version: 4.0

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

### 1.1. Product identifier

Product form : Mixture
Product name : XTM 15W40 MULTIFLEET
Product code : 36881 # 7313688VR4
Type of product : Lubricants and additives

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

#### 1.2.1. Relevant identified uses

Intended for general public
Main use category : Consumer use
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

**Distributor**
SADAPS BARDAHL Additives & Lubricants
ZI TOURNAI OUEST 2 - RUE DU MONT DES CARLIERS, 3
7522 TOURNAI
BELGIQUE
T +32 (0).69.59.03.60, F +32 (0).69.59.03.61
msds@bardahlfrance.com, www.bardahl.be

**Supplier**
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msds@bardahlfrance.com, www.bardahl.be

### 1.4. Emergency telephone number

Emergency number : + 32 (0)70.245.245 / +33 (0)1.45.42.59.59

| Country | Organisation/Company | Address | Emergency number | Comment |
|---|---|---|---|---|
| Ireland | National Poisons Information Centre<br>Beaumont Hospital | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566<br>(Healthcare professionals-24/7)<br>+353 1 809 2166 (public, 8am - 10pm, 7/7) | |
| Malta | Medicines & Poisons Info Office | Mater Dei Hospital<br>Msida<br>MSD 2090 Msida | 112<br>+356 2545 6508 | |
| Saudi Arabia | Poison Control Center-Riyadh | General Directorate of Health Affairs<br>Medial Province | +966 112324180<br>+966 112324189 | |
| United Arab Emirates | Health Authority – Abu Dhabi (HAAD)<br>Poison & Drug Information Center (PDIC) | P.O. Box 5674 | + 800-424 | |
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust | Avonley Road<br>SE14 5ER | +44 20 7188 7188 | |

## 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]

Precautionary statements (CLP) : P102 - Keep out of reach of children.
P280 - Wear protective gloves.

EUH-statements : EUH208 - Contains maleic anhydride, Reaction products of benzenesulfonic acid, mono-C20-24(even)-sec-alkyl derivs. para-, calcium salts. May produce an allergic reaction.

Child-resistant fastening : Not applicable

Tactile warning : Not applicable

## 2.3. Other hazards

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

| Component | |
|---|---|
| Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts (84605-29-8) | PBT: not yet assessed<br>vPvB: not yet assessed |

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 substance(s) are 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] |
|---|---|---|---|
| highly refined mineral oil (C15-C50)<br>substance with national workplace exposure limit(s) (BE); substance with a Community workplace exposure limit<br>(Note L) | - | 75 – 90 | Not classified |
| highly refined mineral oil (C15-C50) - H304<br>substance with national workplace exposure limit(s) (BE); substance with a Community workplace exposure limit<br>(Note L) | - | ≤ 10 | Asp. Tox. 1, H304 |
| Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts | CAS-No.: 84605-29-8<br>EC-No.: 283-392-8<br>REACH-no: 01-2119493626-26 | < 2,5 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 2, H411 |
| Reaction products of benzenesulfonic acid, mono-C20-24(even)-sec-alkyl derivs. para-, calcium salts | EC-No.: 947-519-7<br>REACH-no: 01-2120765489-36 | ≤ 1 | Skin Sens. 1B, H317 |

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| maleic anhydride<br>substance with national workplace exposure limit(s) (AT, BE, DK, ES, FI, FR, GB, HU, IE, LV, PL, RO, SE) | CAS-No.: 108-31-6<br>EC-No.: 203-571-6<br>EC Index-No.: 607-096-00-9<br>REACH-no: 01-2119472428-31 | < 0,001 | Acute Tox. 4 (Oral), H302 (ATE=400 mg/kg bodyweight)<br>Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Resp. Sens. 1, H334<br>Skin Sens. 1A, H317<br>STOT RE 1, H372<br>EUH071 |

| Specific concentration limits: | | |
|---|---|---|
| **Name** | **Product identifier** | **Specific concentration limits** |
| Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts | CAS-No.: 84605-29-8<br>EC-No.: 283-392-8<br>REACH-no: 01-2119493626-26 | (6,25 ≤ C < 100) Skin Irrit. 2; H315<br>(10 ≤ C < 12,5) Eye Irrit. 2; H319<br>(12,5 ≤ C < 100) Eye Dam. 1; H318 |
| Reaction products of benzenesulfonic acid, mono-C20-24(even)-sec-alkyl derivs. para-, calcium salts | EC-No.: 947-519-7<br>REACH-no: 01-2120765489-36 | (4,654 ≤ C < 100) Skin Sens. 1B; H317 |
| maleic anhydride | CAS-No.: 108-31-6<br>EC-No.: 203-571-6<br>EC Index-No.: 607-096-00-9<br>REACH-no: 01-2119472428-31 | (0,001 ≤ C < 100) Skin Sens. 1A; H317 |

Comments : The mineral oils in the product contain <3% DMSO-extract (IP 346).
The blend of mineral oils contains at least one of the following CAS numbers (REACH registration numbers):
CAS 64742-54-7, EC 265-157-1, EU REACH 01-2119484627-25
CAS 64742-55-8, EC 265-158-7, EU REACH 01-2119487077-29
CAS 64742-56-9, EC 265-159-2, EU REACH 01-2119480132-48
CAS 64742-65-0, EC 265-169-7, EU REACH 01-2119471299-27

Note L - The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 (“Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method” Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.
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 : Never give anything by mouth to an unconscious person. If medical advice is needed, have product container or label at hand.

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact : Remove contaminated clothes. Wash skin with plenty of water. Wash contaminated clothing before reuse.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion : Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

### 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 : Carbon dioxide. Dry powder. Foam.
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.

### 5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
Other information : Prevent liquid from entering sewers, watercourses, underground or low areas.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area. Eliminate every possible source of ignition. Ensure adequate ventilation, especially in confined areas. Spill area may be slippery. Keep public away from danger area. Equip cleanup crew with proper protection.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Dike for recovery or absorb with appropriate material. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

For containment : Recover the product with absorbent material.
Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it.
Other information : Spill area may be slippery.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Do not eat, drink or smoke when using this product.
Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Provide local exhaust or general room ventilation.
Storage conditions : Store in a closed container. Keep out of frost.
Heat and ignition sources : Keep away from naked flames/heat. Keep away from ignition sources.

| | | |
|---|---|---|
| Information on mixed storage | : | Keep away from food, drink and animal feeding stuffs. |
| Storage area | : | Store in a well-ventilated place. Store in a dry place. |
| Special rules on packaging | : | Store in original 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

| highly refined mineral oil (C15-C50) | |
|---|---|
| **EU - Indicative Occupational Exposure Limit (IOEL)** | |
| IOEL TWA | 5 mg/m³ (8h) |
| IOEL STEL | 10 mg/m³ (15 minutes) |
| **Belgium - Occupational Exposure Limits** | |
| OEL TWA | 5 mg/m³ (8h) |
| OEL STEL | 10 mg/m³ (15 min) |

| highly refined mineral oil (C15-C50) - H304 | |
|---|---|
| **EU - Indicative Occupational Exposure Limit (IOEL)** | |
| IOEL TWA | 5 mg/m³ (8h) |
| IOEL STEL | 10 mg/m³ (15min) |
| **Belgium - Occupational Exposure Limits** | |
| OEL TWA | 5 mg/m³ |
| OEL STEL | 10 mg/m³ |

| maleic anhydride (108-31-6) | |
|---|---|
| **Austria - Occupational Exposure Limits** | |
| MAK (OEL TWA) | 0,41 mg/m³ |
| | 0,1 ppm |
| MAK (OEL STEL) | 0,8 mg/m³ |
| | 0,2 ppm |
| **Belgium - Occupational Exposure Limits** | |
| OEL TWA | 0,01 mg/m³ |
| | 0,0025 ppm |
| **Denmark - Occupational Exposure Limits** | |
| 8-timers grænseværdi (OEL TWA) | 0,4 mg/m³ |
| | 0,1 ppm |
| Korttidsgrænseværdi (OEL STEL) | 0,8 mg/m³ |
| | 0,2 ppm |
| **Finland - Occupational Exposure Limits** | |
| HTP (OEL TWA) | 0,41 mg/m³ |
| | 0,1 ppm |

| maleic anhydride (108-31-6) | |
|---|---|
| HTP (OEL STEL) | 0,81 mg/m³ |
| | 0,2 ppm |
| **France - Occupational Exposure Limits** | |
| VLEP CT (OEL STEL) | 1 mg/m³ |
| **Hungary - Occupational Exposure Limits** | |
| AK (OEL TWA) | 0,08 mg/m³ |
| CK (OEL STEL) | 0,08 mg/m³ |
| **Ireland - Occupational Exposure Limits** | |
| OEL TWA | 0,01 ppm |
| **Latvia - Occupational Exposure Limits** | |
| OEL TWA | 1 mg/m³ |
| **Poland - Occupational Exposure Limits** | |
| NDS (OEL TWA) | 0,5 mg/m³ |
| NDSP (OEL C) | 1 mg/m³ |
| **Romania - Occupational Exposure Limits** | |
| OEL TWA | 1 mg/m³ |
| | 0,25 ppm |
| OEL STEL | 3 mg/m³ |
| | 0,75 ppm |
| **Spain - Occupational Exposure Limits** | |
| VLA-ED (OEL TWA) | 0,4 mg/m³ |
| | 0,1 ppm |
| **Sweden - Occupational Exposure Limits** | |
| NGV (OEL TWA) | 0,2 mg/m³ |
| | 0,05 ppm |
| KGV (OEL STEL) | 0,4 mg/m³ |
| | 0,1 ppm |
| **United Kingdom - Occupational Exposure Limits** | |
| WEL TWA (OEL TWA) | 1 mg/m³ |
| WEL STEL (OEL STEL) | 3 mg/m³ |
| **Norway - Occupational Exposure Limits** | |
| Grenseverdi (OEL TWA) | 0,8 mg/m³ |
| | 0,2 ppm |
| **Switzerland - Occupational Exposure Limits** | |
| MAK (OEL TWA) | 0,4 mg/m³ |
| | 0,1 ppm |
| KZGW (OEL STEL) | 0,4 mg/m³ |
| | 0,1 ppm |

#### 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

No additional information available

#### 8.2.2. Personal protection equipment

**Personal protective equipment symbol(s):**



#### 8.2.2.1. Eye and face protection

**Eye protection:**
Safety glasses. ISO 16321-1

| Eye protection | | | |
|---|---|---|---|
| **Type** | **Field of application** | **Characteristics** | **Standard** |
| | Splash goggles, Dust | With side shields | |

#### 8.2.2.2. Skin protection

**Skin and body protection:**
Wear suitable protective clothing

**Hand protection:**
Gloves. ISO 374-1

| Hand protection | | | | | |
|---|---|---|---|---|---|
| **Type** | **Material** | **Permeation** | **Thickness (mm)** | **Penetration** | **Standard** |
| | Nitrile rubber (NBR) | | 0,17 | | EN ISO 374 |

#### 8.2.2.3. Respiratory protection

**Respiratory protection:**
Good ventilation of the workplace required

#### 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 | : | brown. |
| Appearance | : | Oily. |
| Odour | : | weak. |
| Odour threshold | : | Not available |
| Melting point | : | Not available |
| Freezing point | : | Not available |
| Boiling point | : | > 300 °C (>572°F) |
| Flammability | : | Not available |
| Explosive limits | : | Not available |
| Lower explosion limit | : | Not available |
| Upper explosion limit | : | Not available |
| Flash point | : | > 200 °C Cleveland Open Cup Method(ASTM D92) |
| Auto-ignition temperature | : | Not available |
| Decomposition temperature | : | > 300 °C |
| pH | : | Not available |
| Viscosity, kinematic | : | 105 mm²/s (40°C ; ASTM D 445) |
| Solubility | : | Not available |
| Partition coefficient n-octanol/water (Log Kow) | : | Not available |
| Vapour pressure | : | < 0,01 kPa (<0.075006 mm Hg) |
| Vapour pressure at 50°C | : | Not available |
| Density | : | 0,88 g/cm³ (15°C ; ASTM D 4052) |
| Relative density | : | Not available |
| 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

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Heat. Open flame. Sparks. Water, humidity. Freezing.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

| | | |
|---|---|---|
| Acute toxicity (oral) | : | Not classified |
| Acute toxicity (dermal) | : | Not classified |

Acute toxicity (inhalation) : Not classified

| highly refined mineral oil (C15-C50) | |
|---|---|
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rabbit | > 5000 mg/kg |
| LC50 Inhalation - Rat (Dust/Mist) | 5,53 mg/l/4h |

| highly refined mineral oil (C15-C50) - H304 | |
|---|---|
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rabbit | > 5000 mg/kg |
| LC50 Inhalation - Rat (Dust/Mist) | 5,53 mg/l/4h |

| maleic anhydride (108-31-6) | |
|---|---|
| LD50 oral rat | 400 mg/kg |
| LD50 dermal rabbit | 2620 mg/kg |

| Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts (84605-29-8) | |
|---|---|
| LD50 oral | 3150 mg/kg OCDE 401 |
| LD50 dermal rat | > 2002 ml/kg |

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified

| maleic anhydride (108-31-6) | |
|---|---|
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |

Aspiration hazard : Not classified

| XTM 15W40 MULTIFLEET | |
|---|---|
| Viscosity, kinematic | 105 mm²/s (40°C ; ASTM D 445) |

### 11.2. Information on other hazards

No additional information available

## 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

| highly refined mineral oil (C15-C50) | |
|---|---|
| EC50 72h - Algae [1] | > 100 mg/l |
| NOEC chronic algae | > 10 mg/l (Water flea (Daphnia magna), 21 d) |

| highly refined mineral oil (C15-C50) - H304 | |
|---|---|
| LC50 - Fish [1] | > 100 mg/l |

| highly refined mineral oil (C15-C50) - H304 | |
|---|---|
| EC50 - Crustacea [1] | > 10000 mg/l |
| EC50 72h - Algae [1] | > 100 mg/l |
| NOEC chronic algae | > 10 mg/l (Water flea (Daphnia magna), 21 d) |

| maleic anhydride (108-31-6) | |
|---|---|
| LC50 - Fish [1] | 230 ppm Gambusia affinis (Mosquito fish) |

| Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts (84605-29-8) | |
|---|---|
| LC50 - Fish [1] | 4,5 mg/l Oncorhynchus mykiss |
| EC50 - Crustacea [1] | 23 mg/l daphna magna |
| EC50 72h - Algae [1] | 21 mg/l Desmodesmus subspicatus |
| NOEC (acute) | 1,8 mg/l |
| NOEC (chronic) | 0,4 mg/l |
| NOEC chronic crustacea | > 0,8 mg/l |

| Reaction products of benzenesulfonic acid, mono-C20-24(even)-sec-alkyl derivs. para-, calcium salts | |
|---|---|
| EC50 96h - Algae [1] | > 1000 mg/l |

### 12.2. Persistence and degradability

| Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts (84605-29-8) | |
|---|---|
| Biodegradation | 1,5 % OCDE 301B |

### 12.3. Bioaccumulative potential

| maleic anhydride (108-31-6) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | -2,78 |

| Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts (84605-29-8) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 0,56 |
| Partition coefficient n-octanol/water (Log Kow) | 0,6 |

### 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

Waste treatment methods : Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

| | | |
|---|---|---|
| Sewage disposal recommendations | : | Do not discharge into drains or the environment. |
| Product/Packaging disposal recommendations | : | Collect all waste in suitable and labelled containers and dispose according to local legislation. |
| Additional information | : | Empty the packaging completely prior to disposal. Do not re-use empty containers. |
| Ecological waste information | : | Do not discharge the product into the environment. |

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

| ADR | IMDG | IATA | RID |
|---|---|---|---|
| **14.1. UN number or ID number** | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |
| **14.2. UN proper shipping 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 |
| No supplementary information available | | | |

### 14.6. Special precautions for user

**Overland transport**
Not regulated

**Transport by sea**
Not regulated

**Air 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)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)
Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

### Explosives Precursors Regulation (EU 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 (EC 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

### Austria

Ordinance on Flammable Liquids (VbF) : Auto detect

### France

| Occupational diseases | |
|---|---|
| Code | Description |
| RG 66 | Occupational rhinitis and asthma |

### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

Override matching entry (12. BImSchV) : Is not subject to the Major Accidents Ordinance (12. BImSchV)

### Netherlands

SZW-lijst van kankerverwekkende stoffen : Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts is listed

SZW-lijst van mutagene stoffen : Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts is listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

### Denmark

Danish National Regulations : Pregnant/breastfeeding women working with the product must not be in direct contact with it.
If an employee is pregnant or breastfeeding and the person in question uses or is exposed to this product at work, the employer must always carry out a risk assessment of the work. The assessment must both deal with the dangerousness of the impact and its strength and duration. The employer's decision that a pregnant or lactating woman can perform a specific work task must therefore be made in the context of her specific working conditions. See also WEA-Guideline A.1.8-7 on the working environment of pregnant and breastfeeding workers.

### Switzerland

Storage class (LK) : LK 10/12 - Liquids

## 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

| Full text of H- and EUH-statements: | |
|---|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| 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 |
| Resp. Sens. 1 | Respiratory sensitisation, Category 1 |
| Skin Corr. 1C | Skin corrosion/irritation, Category 1, Sub-Category 1C |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1A | Skin sensitisation, category 1A |
| Skin Sens. 1B | Skin sensitisation, category 1B |
| STOT RE 1 | Specific target organ toxicity – Repeated exposure, Category 1 |
| 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. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H411 | Toxic to aquatic life with long lasting effects. |
| EUH071 | Corrosive to the respiratory tract. |
| EUH208 | Contains maleic anhydride, Reaction products of benzenesulfonic acid, mono-C20-24(even)-sec-alkyl derivs. para-, calcium salts. May produce an allergic reaction. |

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.