# WOLF OFFICIALTECH 0W20 C6 F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2015/830
Issue date: 04/05/2021 Revision date: 08/10/2026 Supersedes version of: 30/09/2025 Version: 2.4

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

### 1.1. Product identifier

| | | |
|---|---|---|
| Product form | : | Mixture |
| Product name | : | WOLF OFFICIALTECH 0W20 C6 F |
| Product code | : | 65645 |
| Type of product | : | WOLF |
| Product group | : | Blend |

### 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,Consumer use |
| Industrial/Professional use spec | : | Non-dispersive use<br>Used in closed systems |
| 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

WOLF OIL CORPORATION N.V.
Georges Gilliotstraat, 52
2620 Hemiksem, Antwerpen
België
T 0032 (0)3 870 00 00
msds@wolfoil.com, https://www.wolflubes.com/

### 1.4. Emergency telephone number

| | | |
|---|---|---|
| Emergency number | : | 0032 (0)3 870 00 00<br>(during office hours, Monday – Thursday 08:00 - 16:00, Friday 08:00 - 15:30) |

## 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 | : | EUH208 - Contains Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs, molybdenum polysulphide long chain alkyl dithiocarbamate complex. May produce an allergic reaction.<br>EUH210 - Safety data sheet available on request. |

### 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Comments : The mineral oils in the product contain < 3% DMSO extract (IP 346)

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs. | EC-No.: 701-556-3 | 1 – 1.49 | Skin Sens. 1B, H317<br>STOT RE 2, H373 |
| Reaction products of diphenylamine with nonene, branched | EC-No.: 701-385-4<br>REACH-no: 01-2119488911-28 | 1 – 1.49 | Repr. 2, H361f |
| Zinc bis(O,O-diisooctyl) bis(dithiophosphate) | CAS-No.: 28629-66-5<br>EC-No.: 249-109-7<br>REACH-no: 01-2119953278-28 | 0.1 – 0.49 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Repr. 2, H361d<br>Aquatic Chronic 2, H411 |
| molybdenum polysulphide long chain alkyl dithiocarbamate complex | EC-No.: 457-320-2<br>REACH-no: 01-0000019337-66 | 0.1 – 0.24 | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412 |

| Specific concentration limits: | | |
|---|---|---|
| **Name** | **Product identifier** | **Specific concentration limits (%)** |
| Zinc bis(O,O-diisooctyl) bis(dithiophosphate) | CAS-No.: 28629-66-5<br>EC-No.: 249-109-7<br>REACH-no: 01-2119953278-28 | (15 ≤ C < 100) Eye Dam. 1; H318<br>(15 ≤ C < 100) Eye Irrit. 2; H319 |

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 after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with mild soap and water.

First-aid measures after eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes.

First-aid measures after ingestion : Do not induce vomiting. Rinse mouth. Get immediate medical advice/attention.

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

Symptoms/effects after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Symptoms/effects after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.

Symptoms/effects after eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.

Symptoms/effects after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water fog. Foam. Powder. Dry chemical product.
Unsuitable extinguishing media : Do not use a heavy water stream.

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

No additional information available

### 5.3. Advice for firefighters

Precautionary measures fire : Exercise caution when fighting any chemical fire.
Firefighting instructions : Use water spray or fog for cooling exposed containers.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing and gloves.

#### 6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing and gloves.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

For containment : Impound and recover large spill by mixing it with inert granular solids.
Methods for cleaning up : Detergent. Take up liquid spill into absorbent material sand, saw dust, kieselguhr.
Other information : Spill area may be slippery. Use suitable disposal containers.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.
Handling temperature : < 40 °C
Hygiene measures : 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

Storage temperature : ≤ 40 °C
Storage area : Store in dry, cool, well-ventilated area.

#### Switzerland

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

### 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

| molybdenum polysulphide long chain alkyl dithiocarbamate complex | |
|---|---|
| **EU - Indicative Occupational Exposure Limit (IOEL)** | |
| Local name | Molybdenum polysulphide long chain alkyl dithiocarbamate complex |
| IOEL TWA | 10 mg/m³ |
| **USA - ACGIH® - Threshold Limit Values** | |
| ACGIH® TLV® TWA | 5 mg/m³ |
| ACGIH® TLV® STEL | 10 mg/m³ |

#### 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

Additional information : 5 mg/m3 for oil mists (TWA, 8h-workday) recommended, based upon the ACGIH TLV (Analysis according to US NIOSH Method 5026, NIOSH Manual of Analytical Methods, 3rd Edition).

#### 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:**
Safety glasses. Gloves.
**Personal protective equipment symbol(s):**



#### 8.2.2.1. Eye and face protection

**Eye protection:**
Standard EN 166 - Personal eye-protection.

#### 8.2.2.2. Skin protection

**Skin and body protection:**
No special clothing/skin protection equipment is recommended under normal conditions of use

**Hand protection:**
Permeation time: minimum >480min long term exposure; material / thickness [mm]: >0,35 mm. Nitrile rubber (NBR) /

#### 8.2.2.3. Respiratory protection

**Respiratory protection:**
No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

#### 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 |
| Appearance | : | Oily liquid. |
| Colour | : | brown. |
| Odour | : | Characteristic. |
| Odour threshold | : | No data available |
| pH | : | No data available |
| Relative evaporation rate (butylacetate=1) | : | No data available |
| Melting point | : | No data available |
| Freezing point | : | No data available |
| Boiling point | : | No data available |
| Flash point | : | > 200 °C (ASTM D92) |
| Auto-ignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Flammability (solid, gas) | : | No data available |
| Vapour pressure | : | No data available |
| Relative vapour density at 20°C | : | No data available |
| Relative density | : | No data available |
| Density | : | 0.843 g/ml @15°C (ASTM D4052) |
| Solubility | : | Slightly soluble, the product remains on the water surface. |
| Partition coefficient n-octanol/water (Log Pow) | : | No data available |
| Viscosity, kinematic | : | 39.8 mm²/s @40°C (ASTM D445) |
| Viscosity, dynamic | : | No data available |
| Explosive properties | : | No data available |
| Oxidising properties | : | No data available |
| Explosive limits | : | No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal conditions.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

Strong oxidizers. acids. Bases.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| Zinc bis(O,O-diisooctyl) bis(dithiophosphate) (28629-66-5) | |
|---|---|
| LD50 oral rat | 3760 mg/kg (OECD 401) |
| LD50 dermal rabbit | > 5000 mg/kg (OECD 402) |

| molybdenum polysulphide long chain alkyl dithiocarbamate complex | |
|---|---|
| LD50 oral rat | > 2000 mg/kg (OECD 425) |
| LD50 dermal rat | > 2000 mg/kg (OECD 402) |

| Reaction products of diphenylamine with nonene, branched | |
|---|---|
| LD50 oral rat | > 5000 mg/kg (OECD 401) |
| LD50 dermal rat | > 2000 mg/kg (OECD 402) |
| LC50 Inhalation - Rat | Study scientifically unjustified. |

Skin corrosion/irritation : Not classified

| Zinc bis(O,O-diisooctyl) bis(dithiophosphate) (28629-66-5) | |
|---|---|
| Skin corrosion/irritation, rabbit | Causes skin irritation (48 Hours, OECD 404) |

| molybdenum polysulphide long chain alkyl dithiocarbamate complex | |
|---|---|
| Skin corrosion/irritation, rabbit | Causes skin irritation (4 Hours, OECD 404 methode) |

| Reaction products of diphenylamine with nonene, branched | |
|---|---|
| Skin corrosion/irritation, rabbit | Negative (OECD 404) |

Serious eye damage/irritation : Not classified

| Zinc bis(O,O-diisooctyl) bis(dithiophosphate) (28629-66-5) | |
|---|---|
| Serious eye damage/irritation, rabbit | Causes serious eye damage. (72 Hours, 16 CFR 1500.42, SCL: Eye Irrit. 2 H319 ≥15%; Eye Dam. 1 H318 ≥ 15%.) |

| molybdenum polysulphide long chain alkyl dithiocarbamate complex | |
|---|---|
| Serious eye damage/irritation, rabbit | Causes eye irritation |

| Reaction products of diphenylamine with nonene, branched | |
|---|---|
| Serious eye damage/irritation, rabbit | Negative (OECD 405, Read-across) |

Respiratory or skin sensitisation : Skin sensitization: Not classified (The ingredient "Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs." is an impurity of a substance present in the product. Based on tests performed on this substance, the skin sensitizer classification of the impurity "Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs." is overruled.). Respiratory sensitization: Not classified (The ingredient "Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs." is an impurity of a substance present in the product. Based on tests performed on this substance, the skin sensitizer classification of the impurity "Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs." is overruled.).

| molybdenum polysulphide long chain alkyl dithiocarbamate complex | |
|---|---|
| Respiratory or skin sensitisation, Guinea pig | Yes (OPPTS 870.2600) |

| Zinc bis(O,O-diisooctyl) bis(dithiophosphate) (28629-66-5) | |
|---|---|
| Skin sensitization, Guinea pig | No (OECD 406) |

| Reaction products of diphenylamine with nonene, branched | |
|---|---|
| Skin sensitization, Guinea pig | Negative (Read-across) |

Germ cell mutagenicity : Not classified

| Zinc bis(O,O-diisooctyl) bis(dithiophosphate) (28629-66-5) | |
|---|---|
| AMES test, Salmonella typhimurium | No (OECD 471, Read across) |

| Reaction products of diphenylamine with nonene, branched | |
|---|---|
| Germ cell mutagenicity, In vitro | Negative (Read-Across) |
| Germ cell mutagenicity, In vivo, mouse | Negative (Read-across) |

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

| Zinc bis(O,O-diisooctyl) bis(dithiophosphate) (28629-66-5) | |
|---|---|
| NOAEL (animal/male, F1) | 160 mg/kg oral (OECD 422) |

| molybdenum polysulphide long chain alkyl dithiocarbamate complex | |
|---|---|
| Reproductive toxicity, male, female, oral, rat | Based on available data, the classification criteria are not met (OECD 421) |

| Reaction products of diphenylamine with nonene, branched | |
|---|---|
| NOAEL (animal/male, F0/P) | ≈ 40 mg/kg (@12w, oral, OECD 421) |
| NOAEL (animal/female, F0/P) | ≈ 40 mg/kg (@16w, oral, OECD 421) |
| NOAEL (animal/male, F1) | ≈ 122 mg/kg (@12w, oral, OECD 421) |
| NOAEL (animal/female, F1) | ≈ 122 mg/kg (@16w, oral, OECD 421) |

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

| Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs. | |
|---|---|
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |

| molybdenum polysulphide long chain alkyl dithiocarbamate complex | |
|---|---|
| NOAEL (oral, rat, 90 days) | 1000 mg/kg bodyweight/day Daily dose (OECD 407) |
| NOAEL (dermal, rat/rabbit, 90 days) | 670 mg/kg bodyweight/day Daily dose (OECD 410) |

Aspiration hazard : Not classified

| WOLF OFFICIALTECH 0W20 C6 F | |
|---|---|
| Viscosity, kinematic | 39.8 mm²/s @40°C (ASTM D445) |

| Reaction products of diphenylamine with nonene, branched | |
|---|---|
| Viscosity, kinematic | ≥ 450 – ≤ 900 mm²/s @40 °C (ASTM D 445) |

## 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

| Zinc bis(O,O-diisooctyl) bis(dithiophosphate) (28629-66-5) | |
|---|---|
| LC50 - Fish [1] | 3.8 mg/l @96h; Oncorhynchus mykiss (OECD 203) |
| EC50 - Crustacea [1] | 510 mg/l @48h; Daphnia magna (OECD 202) |
| EC50 72h - Algae [1] | 240 mg/l OECD 201 (Desmodesmus subspicatus) |
| ErC50 algae | 240 mg/l @72h; Desmodesmus subspicatus (OECD 201) |
| NOEC (acute) | 1.8 mg/l OECD 203 (Oncorhynchus mykiss) |

| molybdenum polysulphide long chain alkyl dithiocarbamate complex | |
|---|---|
| LC50 - Fish [1] | > 94.8 mg/l @96h; Oncorhynchus mykiss (OECD 203) |
| LC50 - Fish [2] | > 670 mg/l @96h; Oncorhynchus mykiss (OECD 203) |
| EC50 - Crustacea [1] | 50 mg/l @48h; Daphnia magna (OECD 202) |
| EC50 72h - Algae [1] | 14 mg/l @72h; Pseudokirchneriella subcapitata (OECD 201) |
| NOEC (acute) | 94.8 mg/l OECD 203 (Oncorhynchus mykiss, 96h) |
| NOEC chronic crustacea | 100 mg/l @21d; Daphnia Magna ( OECD 211) |
| NOEC chronic algae | 4.05 mg/l |

| Reaction products of diphenylamine with nonene, branched | |
|---|---|
| LC50 - Fish [1] | > 100 mg/l @96h; Danio rerio (OECD 203) |
| EC50 - Crustacea [1] | > 100 @48h; Daphnia magna (OECD 202) |
| EC50 72h - Algae [1] | > 100 mg/l Desmodesmus subspicatus (OECD 201) |

## 12.2. Persistence and degradability

| WOLF OFFICIALTECH 0W20 C6 F | |
|---|---|
| Persistence and degradability | Not soluble in water, so only minimally biodegradable. |

| Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs. | |
|---|---|
| Persistence and degradability | Not rapidly degradable |

| Zinc bis(O,O-diisooctyl) bis(dithiophosphate) (28629-66-5) | |
|---|---|
| Persistence and degradability | Not readily biodegradable. |
| Biodegradation | < 5 % Read across (OECD 301D) |

| molybdenum polysulphide long chain alkyl dithiocarbamate complex | |
|---|---|
| Persistence and degradability | Not readily biodegradable. |
| Biodegradation | 23 % @29d; 29,04 mg/L (OECD 301B) |

| Reaction products of diphenylamine with nonene, branched | |
|---|---|
| Persistence and degradability | Not rapidly degradable |
| Biodegradation | 1 % @28d; (Read-across) |

## 12.3. Bioaccumulative potential

| Zinc bis(O,O-diisooctyl) bis(dithiophosphate) (28629-66-5) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 2.87 @20°C |

| molybdenum polysulphide long chain alkyl dithiocarbamate complex | |
|---|---|
| BCF - Fish [1] | 88 @8w; 0,05mg/l; Cyprinus carpio (OECD 305) |
| BCF - Fish [2] | < 7.4 @8w; 0,5mg/l; Cyprinus carpio (OECD 305) |
| Bioaccumulative potential | Based on available data, the classification criteria are not met. |

| Reaction products of diphenylamine with nonene, branched | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | > 7.6 |

### 12.4. Mobility in soil

| molybdenum polysulphide long chain alkyl dithiocarbamate complex | |
|---|---|
| Ecology - soil | Adsorbs to soil after emission. |

| Reaction products of diphenylamine with nonene, branched | |
|---|---|
| Ecology - soil | Adsorbs to soil after emission. |

### 12.5. Results of PBT and vPvB assessment

| Component | |
|---|---|
| Reaction products of diphenylamine with nonene, branched | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Additional information : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

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

### 14.1 UN number

UN-No. (ADR) : Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

### 14.3. Transport hazard class(es)

**ADR**

Transport hazard class(es) (ADR) : Not applicable

**IMDG**

Transport hazard class(es) (IMDG) : Not applicable

**IATA**

Transport hazard class(es) (IATA) : Not applicable

**ADN**

Transport hazard class(es) (ADN) : Not applicable

**RID**

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Other information : No supplementary information available

### 14.6. Special precautions for user

**Overland transport**

Not applicable

**Transport by sea**

Not applicable

**Air transport**

Not applicable

**Inland waterway transport**

Not applicable

**Rail transport**

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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 (2024/590)

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, Annex I-IV)

### Regulation (EU) 2021/821 for the control of dual-use items

Contains no substance subject to the Regulation (EU) 2021/821 for the control of dual-use items

### 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

### Denmark

| | | |
|---|---|---|
| Danish National Regulations | : | Pregnant/breastfeeding women working with the product must not be in direct contact with it.<br>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. |

### Germany

| | | |
|---|---|---|
| Employment restrictions | : | Observe restrictions according Act on the Protection of Working Mothers (MuSchG).<br>Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG). |
| Water hazard class (WGK) | : | WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1). |

### Netherlands

| | | |
|---|---|---|
| SZW List of Carcinogenic Substances | : | None of the components are listed |
| SZW List of Mutagenic Substances | : | None of the components are listed |
| SZW List of Reprotoxic Substances – Breastfeeding | : | None of the components are listed |
| SZW List of Reprotoxic Substances – Fertility | : | None of the components are listed |
| SZW List of Reprotoxic Substances – Development | : | None of the components are listed |

### Poland

Polish National Regulations : Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended).
Act of 14 December 2012 on Waste (J. o L. 2013, item 322 as amended).
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2019, item 382).
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. of 3 July 2018, item 1286 as amended).
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166).
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)
Regulation of the Minister of Health of 25 August 2015 on the method of marking places, pipelines, and containers and tanks used for storing or containing hazardous substances or hazardous mixtures (J.o.L. 2015, item 1368 as amended)

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

## SECTION 16: Other information

**Indication of changes**

| Section | Changed item | Comments |
|---|---|---|
| | Supersedes | **Modified** |
| | Revision date | **Modified** |
| 3 | Composition/information on ingredients | **Modified** |
| 9 | Flash point | **Modified** |
| 9 | Viscosity, kinematic | **Modified** |
| 9 | Density | **Modified** |
| 11.1 | Reason for no classification | **Modified** |
| 15.1 | Norwegian National Regulations | **Added** |
| 15.1 | Water Protection Ordinance (GSchV, SR 814.201) | **Added** |

**Abbreviations and acronyms:**

| | |
|---|---|
| | ACGIH: American Conference of Governmental Industrial Hygienists |
| | TWA: Time Weighted Average |

| Abbreviations and acronyms: | |
|---|---|
| | TLV: Threshold Limit Value |
| | ASTM: American Society for Testing and Materials |
| | ADR: Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route |
| | RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail |
| | ADNR: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin |
| | IMDG: International Maritime Dangerous Goods |
| | ICAO: International Civil Aviation Organization |
| | IATA: International Air Transport Association |
| | STEL: Short Term Exposure Limit |
| | LD50: median Lethal Dose for 50% of subjects |
| | ATE: acute toxicity estimate |
| | LC50: median Lethal Concentration for 50% of subjects |
| | EC50: concentration producing 50% effect |

Other information : The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

| Full text of H- and EUH-statements: | |
|---|---|
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| Skin Sens. 1B | Skin sensitisation, category 1B |
| STOT RE 2 | Specific target organ toxicity – Repeated exposure, Category 2 |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H361d | Suspected of damaging the unborn child. |
| H361f | Suspected of damaging fertility. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H411 | Toxic to aquatic life with long lasting effects. |

| Full text of H- and EUH-statements: | |
|---|---|
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH208 | Contains Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs, molybdenum polysulphide long chain alkyl dithiocarbamate complex. May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request. |

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.