

according to Commission Regulation (EU) 2020/878 as amended

### **TOP** in assortment

Creation date 19th May 2025

Revision date Version 1.0

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

**1.1. Product identifier** TOP in assortment

Substance / mixture mixture

Other mixture names

NAILSOFTHEDAY Glossy top no wipe in assortment, NAILSOFTHEDAY Glossy Top wipe in assortment, NAILSOFTHEDAY Matte top no wipe in assortment, NAILSOFTHEDAY No Stress top no wipe in assortment, NAILSOFTHEDAY Teddy top wipe in assortment, NAILSOFTHEDAY Universal top in assortment, NAILSOFTHEDAY Top in assortment, NAILSOFTHEDAY Color top in assortment, NAILSOFTHEDAY Fun! top in assortment, NAILSOFTHEDAY Kupidon top in assortment, NAILSOFTHEDAY Milky top in assortment, NAILSOFTHEDAY Milky top in assortment, NAILSOFTHEDAY Party top in assortment, NAILSOFTHEDAY Snow top in assortment, NAILSOFTHEDAY Casper luminous top in assortment, NAILSOFTHEDAY Holographic top Cat eye in assortment, NAILSOFTHEDAY Opal top in assortment, NAILSOFTHEDAY Reflective top Holographic in assortment, NAILSOFTHEDAY Reflective top Shimmer in assortment, NAILSOFTHEDAY Shell top in assortment.

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

#### Mixture's intended use

Cosmetic.

#### Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

# 1.3. Details of the supplier of the safety data sheet

#### **Manufacturer**

Name or trade name FOP Esaulova Yulia Igorevna

Address Janusz Korchak street, 25, Kyiv, Ukraine

Phone +38066666273

E-mail esaulovmax@gmail.com

Web address https://www.nailsoftheday.shop

# Competent person responsible for the safety data sheet

Name FOP Esaulova Yulia Igorevna E-mail esaulovmax@gmail.com

### 1.4. Emergency telephone number

Belgium: Antigif Centrum Centre Antipoisons, Tel. No.: +32 070 245 245

Bulgaria: National Toxicology Centre, Hospital for Active Medical Treatment and Emergency

Medicine "N.I.Pirogov", Tel. No.: +359 2 9154 233 Cyprus: Cyprus Poison Center, Tel. No.: 1401

Croatia: Poison Control Centre, Tel. No.: +385 1 234 8342

Czech Republic: Toxicological Information Centre, Tel. No.: +420 224 919 293 / +420 224 915 402

Denmark: Danish Poison Center (Giftlinjen), Tel. No.: +45 82 12 12 12 Greece: Poison Information Centre, Tel. No.: (0030) 2107793777

Estonia: National poison information centre, Tel. No.: +372 794 3794 or 16662 national

Finland: Poison Information Centre, Tel. No.: +358 09 471 977 or 0800 147 111

France: ORFILA (INERIS), Tel. No.: +33 (0) 1 45 42 59 59

Hungary: Health Toxicological Information Service, Tel. No.: +36 80 20 11 99

Italy: Hosp. Niguarda Ca 'Granda - Milan, Tel. No.: +39 02 66101029; CAV National

Toxicological Information Center - Pavia, Tel. No.: +39 038224444

Latvia: Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs, Tel. No.: +371 670 42473 Lithuania: The State Medicines Control Agency (SMCA), Poison Information Bureau (PIB), Tel. No.: +370 5 236 20 52

Luxembourg: Belgian Poison Center, Tel. No.: +352 8002 5500

Malta: Mater Dei Hospital, Tel. No.: +356 2545 0000



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Netherlands: National Poisons Information Centre (NVIC). Only for the purpose of informing

medical personnel in case of acute intoxications, Tel. No.: +31 (0) 88 755 8000 Norway: Norwegian Poisons Information Centre, Tel. No.: +47 22 59 13 00

Portugal: Poisons Information Centre, Tel. No.: +351 800 250 250

Poland: Europejski numer alarmowy: 112

Romania: Clinica ATI II Toxicologie Clinică, Tel. No.: +40 021 599 23 00 Slovenia: The uniform telephone number for emergency calls, Tel. No.: 112

Slovakia: National Toxicological Information Centre (NTIC), Tel. No.: +421 2 5477 4166

Spain: Toxicology Information Service, Tel. No.: +34 91 562 04 20

Sweden: Emergency telephone number 112 - ask for Poisons Information (in Swedish: - begär

Giftinformation)

#### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

# Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1A, H317 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Chronic 3, H412

#### Most serious adverse effects on human health and the environment

Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.

# 2.2. Label elements

### **Hazard pictogram**



### Signal word

Warning

#### **Hazardous substances**

Poly[oxy(methyl-1,2-ethanediyl)],  $\alpha,\alpha'$ -(2,2-dimethyl-1,3-propanediyl)bis[ $\omega$ -[(1-oxo-2-propen-1-yl)oxy]-

INCI: PPG-2 NEOPENTYL GLYCOL DIACRYLATE Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate

INCI: ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE

Pentaerythritol tetrakis(3-mercaptopropionate)

INCI: PENTAERYTHRITYL TETRAMERCAPTOPROPIONATE

#### **Hazard statements**

H302 Harmful if swallowed. H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

### **Precautionary statements**



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| P101           | If medical advice is needed, have product container or label at hand.  |  |  |  |  |  |  |  |
| P102           | Keep out of reach of children.   |  |  |  |  |  |  |  |
| P264           | Wash hands and exposed parts of the body thoroughly after handling.  |  |  |  |  |  |  |  |
| P271           | Use only outdoors or in a well-ventilated area.  |  |  |  |  |  |  |  |
| P273           | Avoid release to the environment.  |  |  |  |  |  |  |  |
| P280           | Wear protective gloves/eye protection.   |  |  |  |  |  |  |  |
| P302+P352      | IF ON SKIN: Wash with plenty of water and soap.  |  |  |  |  |  |  |  |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |  |  |  |  |  |  |  |

# Requirements for child-resistant fastenings and tactile warning of danger

Store locked up.

Container must carry a tactile warning of danger.

#### 2.3. Other hazards

P405

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended. Does not contain any PMT or vPvM components.

### **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

The detailed composition of the product is the property of the company

| Identification numbers           | Substance name   | Classification according to Regulation (EC) No 1272/2008                                      | Note |
|----------------------------------|--|---|------|
| CAS: 84434-11-7<br>EC: 282-810-6 | Ethyl phenyl(2,4,6-trimethylbenzoyl) phosphinate INCI: ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE        | Acute Tox. 4, H302<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319                               |      |
| CAS: 947-19-3<br>EC: 213-426-9   | Hydroxycyclohexyl phenyl ketone<br>INCI: HYDROXYCYCLOHEXYL PHENYL<br>KETONE                            | not classified as dangerous   |      |
| CAS: 7575-23-7<br>EC: 231-472-8  | Pentaerythritol tetrakis(3-<br>mercaptopropionate)<br>INCI: PENTAERYTHRITYL<br>TETRAMERCAPTOPROPIONATE | Acute Tox. 4, H302<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |      |

Full text of all classifications and hazard statements is given in the section 16.

### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect



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cardiac massage immediately.

#### If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

#### If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

# If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

#### If swallowed

Provide medical treatment.

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

#### If inhaled

May cause respiratory irritation.

#### If on skin

May cause an allergic skin reaction.

#### If in eyes

Causes serious eye irritation.

#### If swallowed

Irritation, nausea.

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

Symptomatic treatment.

# **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

# Suitable extinguishing media

Accommodate extinguishing components to the location of fire.

# Unsuitable extinguishing media

Water - full jet.

# 5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### **5.3.** Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

### **SECTION 6: Accidental release measures**

# 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale mist/vapours/spray. Prevent contact with skin and eyes.

# 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

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



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Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

# 6.4. Reference to other sections

See the Section 7, 8 and 13.

### **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

Do not inhale mist/vapours/spray. Prevent contact with skin and eyes. Contaminated work clothing should not be allowed out of the workplace. Wash hands and exposed parts of the body thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

# 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Store locked up. Keep container tightly closed.

### 7.3. Specific end use(s)

Not available.

# **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

#### **DNEL**

| Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate INCI: ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE |                   |                        |                          |        |  |  |  |
|--|-------------------|------------------------|--------------------------|--------|--|--|--|
| Workers / consumers  | Route of exposure | Value                  | Effect                   | Source |  |  |  |
| Workers  | Inhalation        | 4.93 mg/m <sup>3</sup> | Chronic effects systemic | ECHA   |  |  |  |
| Consumers  | Inhalation        | 870 μg/m³              | Chronic effects systemic | ECHA   |  |  |  |
| Workers  | Dermal            | 1.4 mg/kg bw/day       | Chronic effects systemic | ECHA   |  |  |  |
| Consumers  | Dermal            | 500 μg/kg bw/24h       | Chronic effects systemic | ECHA   |  |  |  |
| Workers  | Oral              | 500 μg/kg bw/24h       | Chronic effects systemic | ECHA   |  |  |  |

# **PNEC**

| Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate INCI: ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE |           |        |  |  |  |  |
|--|-----------|--------|--|--|--|--|
| Route of exposure  | Value     | Source |  |  |  |  |
| Drinking water   | 1.01 μg/l | ECHA   |  |  |  |  |
| Water (intermittent release)   | 10.1 μg/l | ECHA   |  |  |  |  |
| Marine water   | 101 mg/l  | ECHA   |  |  |  |  |
| Seawater (intermittent release)  | 1.01 μg/l | ECHA   |  |  |  |  |
| Freshwater sediment  | 240 μg/kg | ECHA   |  |  |  |  |
| Sea sediments  | 24 μg/kg  | ECHA   |  |  |  |  |



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| Soil (agricultural) | 47.5 μg/kg | ECHA |
|---------------------|------------|------|

### 8.2. Exposure controls

Take off contaminated clothing and wash before reuse. Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

### Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

#### **Skin protection**

Avoid direct skin contact with product. Identify potential areas for indirect skin contact. Wear gloves (tested to EN374) if hand contact with substance likely. Clean up contamination/spills as soon as they occur. Wash off any skin contamination immediately. Provide basic employee training to prevent / minimise exposures and to report any skin problems that may develop. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

| Glove material     | Thickness | Breakthrough time | Class |
|--------------------|-----------|-------------------|-------|
| Butyl rubber (IIR) | 0.3 mm    | >480 min          | 6     |

liquid

### **Respiratory protection**

Mask with a filter in a poorly ventilated environment.

#### Thermal hazard

Not available.

Physical state

#### **Environmental exposure controls**

Observe usual measures for protection of the environment, see Section 6.2.

### **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

| Filysical state  | iiquiu                  |
|--|-------------------------|
| Colour   | transparent             |
| Odour  | acid resin              |
| Melting point/freezing point                             | data not available      |
| Boiling point or initial boiling point and boiling range | data not available      |
| Flammability   | data not available      |
| Lower and upper explosion limit                          | data not available      |
| Flash point  | >100 °C                 |
| Auto-ignition temperature                                | data not available      |
| Decomposition temperature                                | data not available      |
| рН   | 5-6 (undiluted)         |
| Kinematic viscosity                                      | data not available      |
| Solubility in water                                      | data not available      |
| Partition coefficient n-octanol/water (log value)        | data not available      |
| Vapour pressure  | data not available      |
| Density and/or relative density                          |                         |
| Density  | 1-1.2 g/cm <sup>3</sup> |
| Relative vapour density                                  | data not available      |



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Particle characteristics not applicable

Form liquid

### 9.2. Other information

None.

# **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

#### 10.2. Chemical stability

The product is stable under normal conditions.

# 10.3. Possibility of hazardous reactions

Unknown.

#### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

# 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

# 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

#### **SECTION 11: Toxicological information**

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

No toxicological data is available for the mixture.

### **Acute toxicity**

Harmful if swallowed.

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| Route of exposure | Parameter | Method | Value       | Exposure time | Species | Sex | Value<br>determinatio<br>n | Source |
| Oral              | ATE       |        | 843.2 mg/kg |               |         |     | Calculation of value       |        |

| -                 | 2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate INCI: ACRYLATES COPOLYMER |        |             |               |         |     |                            |        |  |
|-------------------|--|--------|-------------|---------------|---------|-----|----------------------------|--------|--|
| Route of exposure | Parameter  | Method | Value       | Exposure time | Species | Sex | Value<br>determinatio<br>n | Source |  |
| Oral              | LD50   |        | >5000 mg/kg |               | Rat     |     |                            |        |  |

|                   | Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate INCI: ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE |        |       |               |         |     |                            |        |  |
|-------------------|--|--------|-------|---------------|---------|-----|----------------------------|--------|--|
| Route of exposure | Parameter  | Method | Value | Exposure time | Species | Sex | Value<br>determinatio<br>n | Source |  |



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| Oral               | LD50 | OECD 401 | >5000 mg/kg<br>bw |         | Rat |  | ECHA |
|--------------------|------|----------|-------------------|---------|-----|--|------|
| Inhalation (vapor) | LC50 |          | ≥0 mg/l           | 7 hours | Rat |  | ECHA |
| Dermal             | LD50 |          | ≥2000 mg/kg<br>bw |         | Rat |  | ECHA |

|                   | Hydroxycyclohexyl phenyl ketone INCI: HYDROXYCYCLOHEXYL PHENYL KETONE |        |             |               |         |     |                            |        |  |  |
|-------------------|---|--------|-------------|---------------|---------|-----|----------------------------|--------|--|--|
| Route of exposure | Parameter   | Method | Value       | Exposure time | Species | Sex | Value<br>determinatio<br>n | Source |  |  |
| Oral              | LD50  |        | >2500 mg/kg |               | Rat     |     |                            |        |  |  |
| Dermal            | LD50  |        | >5000 mg/kg |               | Rat     |     |                            |        |  |  |
| Inhalation        | LC50  |        | >1000 mg/kg | 4 hours       | Rat     |     |                            |        |  |  |

| _                     | Pentaerythritol tetrakis(3-mercaptopropionate) INCI: PENTAERYTHRITYL TETRAMERCAPTOPROPIONATE |          |                         |               |         |     |                            |        |  |  |
|-----------------------|--|----------|-------------------------|---------------|---------|-----|----------------------------|--------|--|--|
| Route of exposure     | Parameter  | Method   | Value                   | Exposure time | Species | Sex | Value<br>determinatio<br>n | Source |  |  |
| Oral                  | ATE  |          | 500.00 mg/kg            |               |         |     |                            |        |  |  |
| Oral                  | LD50   | OECD 423 | >1000-<2000<br>mg/kg bw |               | Rat     |     |                            | ECHA   |  |  |
| Inhalation (aerosols) | LD50   |          | >3363 mg/m³<br>of air   | 4 hours       | Rat     |     |                            | ECHA   |  |  |

### **Skin corrosion/irritation**

Causes skin irritation. Data for the components of the mixture are not available.

#### Serious eye damage/irritation

Causes serious eye irritation. Data for the components of the mixture are not available.

#### Respiratory or skin sensitisation

May cause an allergic skin reaction. Data for the components of the mixture are not available.

### **Germ cell mutagenicity**

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

#### Carcinogenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

# Reproductive toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

# Toxicity for specific target organ - single exposure

May cause respiratory irritation. Data for the components of the mixture are not available.



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### Toxicity for specific target organ - repeated exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### **Aspiration hazard**

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

# 11.2. Information on other hazards

# **Endocrine disrupting properties**

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption for humans.

#### Other information

Not available.

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

# **Acute toxicity**

| 2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate INCI: ACRYLATES COPOLYMER |        |           |               |                            |              |        |  |  |  |
|--|--------|-----------|---------------|----------------------------|--------------|--------|--|--|--|
| Parameter  | Method | Value     | Exposure time | Species                    | Environm ent | Source |  |  |  |
| LC50   |        | >100 mg/l | 96 hours      | Fish (Poecilia reticulata) |              |        |  |  |  |

|           | Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate INCI: ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE |            |               |                    |              |        |  |  |  |  |
|-----------|--|------------|---------------|--------------------|--------------|--------|--|--|--|--|
| Parameter | Method   | Value      | Exposure time | Species            | Environm ent | Source |  |  |  |  |
| LC50      | OECD 203   | 1.89 mg/l  | 96 hours      | Fish (Danio rerio) |              | ECHA   |  |  |  |  |
| NOEC      | OECD 203   | ≥1.29 mg/l | 96 hours      | Fish (Danio rerio) |              | ECHA   |  |  |  |  |

|           | Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate INCI: ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE |            |               |                                       |              |        |  |  |  |  |
|-----------|--|------------|---------------|---------------------------------------|--------------|--------|--|--|--|--|
| Parameter | Method   | Value      | Exposure time | Species                               | Environm ent | Source |  |  |  |  |
| EC50      | OECD 202   | 2.26 mg/l  | 48 hours      | Invertebrates<br>(Daphnia magna)      |              | ECHA   |  |  |  |  |
| EC50      | OECD 201   | 0.239 mg/l | 72 hours      | Algae<br>(Desmodesmus<br>subspicatus) |              | ECHA   |  |  |  |  |

|           | Hydroxycyclohexyl phenyl ketone INCI: HYDROXYCYCLOHEXYL PHENYL KETONE |       |               |         |                 |        |  |  |
|-----------|---|-------|---------------|---------|-----------------|--------|--|--|
| Parameter | Method  | Value | Exposure time | Species | Environm<br>ent | Source |  |  |



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| LC50 | 24 m | ig/l 96 hours | Fish          |  |
|------|------|---------------|---------------|--|
| EC50 | 53.9 | mg/l 48 hours | Invertebrates |  |
| EC50 | 14.4 | mg/l 72 hours | Algae         |  |

| Pentaerythritol tetrakis(3-mercaptopropionate) INCI: PENTAERYTHRITYL TETRAMERCAPTOPROPIONATE |          |            |               |                                       |              |        |  |
|--|----------|------------|---------------|---------------------------------------|--------------|--------|--|
| Parameter  | Method   | Value      | Exposure time | Species                               | Environm ent | Source |  |
| LC50   | OECD 203 | 0.42 mg/l  | 96 hours      | Fish<br>(Oncorhynchus<br>mykiss)      |              | ECHA   |  |
| EC50   | OECD 202 | >0.35 mg/l | 48 hours      | Invertebrates<br>(Daphnia magna)      |              | ECHA   |  |
| LC50   | OECD 201 | >0.65 mg/l | 72 hours      | Algae<br>(Desmodesmus<br>subspicatus) |              | ECHA   |  |

#### 12.2. Persistence and degradability

No data are available for either the mixture or the components.

#### 12.3. Bioaccumulative potential

No data are available for either the mixture or the components.

### 12.4. Mobility in soil

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PMT or vPvM components.

#### 12.5. Results of PBT and vPvB assessment

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PBT or vPvB components.

#### 12.6. Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption in the environment.

### 12.7. Other adverse effects

Not available.

#### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

# Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. - Commission Decision of 3 May 2000 replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste.

#### **SECTION 14: Transport information**



according to Commission Regulation (EU) 2020/878 as amended

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#### 14.1. UN number or ID number

Not subject to transport regulations.

# 14.2. UN proper shipping name

Not relevant.

#### 14.3. Transport hazard class(es)

Not relevant.

# 14.4. Packing group

Not relevant.

### 14.5. Environmental hazards

### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

# 14.7. Maritime transport in bulk according to IMO instruments

Not relevant.

### **SECTION 15: Regulatory information**

# 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
- 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.
- Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
- The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out (mixture).

#### **SECTION 16: Other information**

# A list of standard risk phrases used in the safety data sheet

|      | •  |
|------|--|
| H302 | Harmful if swallowed.                        |
| H315 | Causes skin irritation.                      |
| H317 | May cause an allergic skin reaction.         |
| H319 | Causes serious eye irritation.               |
| H335 | May cause respiratory irritation.            |
| H400 | Very toxic to aquatic life.                  |
| H410 | Very toxic to aquatic life with long lasting |
|      |  |

ng effects. H412 Harmful to aquatic life with long lasting effects.

### Guidelines for safe handling used in the safety data sheet

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P264 Wash hands and exposed parts of the body thoroughly after handling.

Use only outdoors or in a well-ventilated area. P271



according to Commission Regulation (EU) 2020/878 as amended

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P273 Avoid release to the environment.
P280 Wear protective gloves/eye protection.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P405 Store locked up.

### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

Acute Tox. Acute toxicity

ADR Agreement concerning the international carriage of dangerous goods by road

Aguatic Acute Hazardous to the aguatic environment

Aquatic Chronic Hazardous to the aquatic environment (chronic)

BCF Bioconcentration Factor
CAS Chemical Abstracts Service

CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of

substance and mixtures

EC Identification code for each substance listed in EINECS

EC50 Concentration of a substance when it is affected 50 % of the population

Eye Irrit. Eye irritation

EINECS European Inventory of Existing Commercial Chemical Substances

EmS Emergency plan EU European Union

EuPCS European Product Categorisation System IATA International Air Transport Association

IBC International Code For The Construction And Equipment of Ships Carrying

Dangerous Chemicals

ICAO International Civil Aviation Organization
IMDG International Maritime Dangerous Goods
IMO International Maritime Organization

INCI International Nomenclature of Cosmetic Ingredients
ISO International Organization for Standardization
IUPAC International Union of Pure and Applied Chemistry

LC50 Lethal concentration of a substance in which it can be expected death of 50%

of the population

Lethal dose of a substance in which it can be expected death of 50% of the

population

log KowOctanol-water partition coefficientNOECNo observed effect concentrationOELOccupational Exposure Limits

PBT Persistent, bioaccumulative and toxic

PMT Persistent, mobile and toxic

ppm Parts per million

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Agreement on the transport of dangerous goods by rail

Skin Irrit. Skin irritation



according to Commission Regulation (EU) 2020/878 as amended

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Skin Sens. Skin sensitization

STOT SE Specific target organ toxicity - single exposure

UN number Four-figure identification number of the substance or article taken from the UN

Model Regulations

UVCB Substances of unknown or variable composition, complex reaction products or

biological materials

VOC Volatile organic compounds

vPvB Very persistent and very bioaccumulative

vPvM Very persistent and very mobile

### **Training guidelines**

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

Not available.

# Information about data sources used to compile the Safety Data Sheet

The ECHA database on registered substances and the ECHA classification and labelling inventory. GESTIS - the Information system on hazardous substances of the German Social Accident Insurance. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers. eChemPortal

-the Global Portal to Information on Chemical Substances.

#### More information

Classification procedure - calculation method.

# **Statement**

The data contained in this Safety Data Sheet must be available to anyone whose work is related to the product. The data corresponds to the current state of knowledge, national and EU legislation. The information provided indicates the safety requirements for the use of this product, but does not disclose other specific product features. The information is correct to the best of our knowledge at the date of preparation of the product Safety Data Sheet. This is not a specification sheet and any data provided should not be considered a specification. The information in this product Safety Data Sheet has been obtained from sources we believe to be reliable. Certain information and conclusions in this document are derived from sources other than direct data from tests or research on the product itself. The recipient of the product is responsible for compliance with applicable laws regarding handling, storage, use and disposal. If the product is used as a component in another product, the information in this product's Safety Data Sheet may not be valid.