

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 21-Jun-2019

Print date: 24-Jun-2019

Version: 2.0

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## EUROLASTIC TC 30 S schwarz Komponente A 100:20

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

#### 1.1. Product identifier

Trade name/designation:

EUROLASTIC TC 30 S schwarz Komponente A 100:20

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

Relevant identified uses:

**Sector of uses [SU]**

**SU 19:** Building and construction work

Uses advised against:

**Sector of uses [SU]**

**SU 21:** Consumer uses

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

Supplier (manufacturer/importer/only representative/downstream user/distributor):

**Euroteam Bauchemie GmbH**

An der Mühle 1  
15345 Altlandsberg  
Germany

**Telephone:** +49 (0) 33438 14790

**Telefax:** +49 (0) 33438 147929

**E-mail:** info@euroteam-bauchemie.de

**Website:** www.euroteam-bauchemie.de

**E-mail (competent person):** info@euroteam-bauchemie.de

#### 1.4. Emergency telephone number

Labor, 24h: +49 (0) 162 2599220, Montag - Donnerstag 7:00 - 16:00; Freitag 7:00 - 13:00 +49 (0) 33438 1479 19 (Only available during office hours.)

### SECTION 2: Hazards identification

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

Classification according to Regulation (EC) No 1272/2008 [CLP]:

| Hazard classes and hazard categories                                 | Hazard statements   | Classification procedure |
|--|---|--------------------------|
| Respiratory or skin sensitisation<br>( <i>Skin Sens. 1</i> )         | H317: May cause an allergic skin reaction.                  | Calculation method.      |
| Reproductive toxicity ( <i>Lact.</i> )                               | H362: May cause harm to breast-fed children.                | Calculation method.      |
| Hazardous to the aquatic environment<br>( <i>Aquatic Acute 1</i> )   | H400: Very toxic to aquatic life.                           | Calculation method.      |
| Hazardous to the aquatic environment<br>( <i>Aquatic Chronic 1</i> ) | H410: Very toxic to aquatic life with long lasting effects. | Calculation method.      |

#### \* 2.2. Label elements

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

Hazard pictograms:



**GHS07**

Exclamation mark



**GHS09**

Environment

**Signal word:** Warning

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### Hazard components for labelling:

Alkanes, C14-17, chloro; Phenol, methylstyrenated; 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane

#### hazard statements for health hazards

|      |  |
|------|--|
| H317 | May cause an allergic skin reaction.   |
| H362 | May cause harm to breast-fed children. |

#### Hazard statements for environmental hazards

|      |   |
|------|---|
| H410 | Very toxic to aquatic life with long lasting effects. |
|------|---|

#### Supplemental Hazard information (EU)

|        |  |
|--------|--|
| EUH208 | Contains 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, Phenol, methylstyrenated. May produce an allergic reaction. |
|--------|--|

#### Precautionary statements Prevention

|      |   |
|------|---|
| P201 | Obtain special instructions before use.             |
| P263 | Avoid contact during pregnancy and while nursing.   |
| P270 | Do not eat, drink or smoke when using this product. |
| P273 | Avoid release to the environment.                   |

#### Precautionary statements Response

|             |  |
|-------------|--|
| P302 + P352 | IF ON SKIN: Wash with plenty of water/.... |
|-------------|--|

### Special rules for supplemental label elements for certain mixtures:

38,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (dermal).

75,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

### 2.3. Other hazards

No data available

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients / Hazardous impurities / Stabilisers:

| product identifiers   | Substance name<br>Classification according to Regulation (EC) No 1272/2008<br>[CLP]  | Concentration     |
|---|--|-------------------|
| CAS No.: 68611-50-7   | <b>LIQUID POLYSULFIDE POLYMER WITH THIOL END GROUPS (MW &gt;1800)</b><br>Aquatic Chronic 3<br>H412   | 25 - ≤ 43<br>Wt % |
| CAS No.: 85535-85-9<br>EC No.: 287-477-0<br>REACH No.:<br>01-2119519269-33-00XX | <b>Alkanes, C14-17, chloro</b><br>Aquatic Acute 1, Aquatic Chronic 1, Lact.<br><b>Warning</b> H362-H410-EUH066   | 7 - ≤ 13<br>Wt %  |
| CAS No.: 27138-31-4<br>EC No.: 248-258-5  | <b>oxydipropyl dibenzoate</b><br>Aquatic Chronic 3<br>H412   | 2 - ≤ 5<br>Wt %   |
| CAS No.: 68512-30-1<br>EC No.: 270-966-8<br>REACH No.:<br>01-2119555274-38-0000 | <b>Phenol, methylstyrenated</b><br>Aquatic Chronic 3, Skin Irrit. 2, Skin Sens. 1<br>H315-H317-H412  | 1 - ≤ 3<br>Wt %   |
| CAS No.: 25068-38-6<br>EC No.: 500-033-5<br>REACH No.:<br>01-2119456619-26-XXXX | <b>4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane</b><br>Aquatic Chronic 2, Eye Irrit. 2, Skin Sens. 1<br><b>Warning</b> H315-H317-H319-H411 | 0 - < 1<br>Wt %   |

Full text of H- and EUH-phrases: see section 16.

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended.

##### Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician. Get medical advice/attention if you feel unwell.

##### In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Take off immediately all contaminated clothing.

##### After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

##### After ingestion:

Get medical advice/attention if you feel unwell. Rinse mouth. Let water be drunken in little sips (dilution effect).

##### Self-protection of the first aider:

Use personal protection equipment.

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

Allergic reactions.

#### 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:

Foam, Carbon dioxide (CO<sub>2</sub>), Water spray jet, Dry extinguishing powder

##### Unsuitable extinguishing media:

Full water jet

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

Carbon dioxide (CO<sub>2</sub>), Carbon monoxide, Formaldehyde, Hydrogen chloride (HCl), Hydrogen sulphide (H<sub>2</sub>S), Sulphur dioxide (SO<sub>2</sub>), Mercaptan

##### Hazardous combustion products:

In case of fire: Gases/vapours, toxic

#### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

##### Personal precautions:

Remove persons to safety.

##### Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

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### 6.1.2. For emergency responders

#### Personal protection equipment:

Personal protection equipment: see section 8

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

#### For containment:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

#### Advices on safe handling:

Wear personal protection equipment (refer to section 8). Do not breathe gas/fumes/vapour/spray. Avoid contact during pregnancy/while nursing.

#### Fire prevent measures:

No special fire protection measures are necessary.

#### Environmental precautions:

Do not allow to enter into soil/subsoil.

#### Advices on general occupational hygiene

When using do not eat, drink or smoke. Avoid contact with eyes and skin.

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

#### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

#### Packaging materials:

Suitable container/equipment material: Tin

#### Requirements for storage rooms and vessels:

Keep/Store only in original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect against direct sunlight.

**Storage class:** 10 - Combustible liquids that cannot be assigned to any of the above storage classes

### 7.3. Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

| Limit value type (country of origin) | Substance name                                 | ① long-term occupational exposure limit value<br>② short-term occupational exposure limit value<br>③ Instantaneous value<br>④ Monitoring and observation processes<br>⑤ Remark |
|--------------------------------------|--|--|
| TRGS 900 (DE)                        | Alkanes, C14-17, chloro<br>CAS No.: 85535-85-9 | ① 0.3 ppm (6 mg/m <sup>3</sup> )<br>② 2.4 ppm (48 mg/m <sup>3</sup> )<br>⑤ (einatembare Fraktion; kann über die Haut aufgenommen werden)                                       |

\*

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### 8.1.2. Biological limit values

No data available

### 8.1.3. DNEL-/PNEC-values

| Substance name   | DNEL value              | ① DNEL type<br>② Exposure route                             |
|--|-------------------------|---|
| Alkanes, C14-17, chloro<br>CAS No.: 85535-85-9   | 6.7 mg/m <sup>3</sup>   | ① DNEL worker<br>② DNEL long-term inhalative (systemic)     |
| Alkanes, C14-17, chloro<br>CAS No.: 85535-85-9   | 47.9 mg/kg<br>bw/day    | ① DNEL worker<br>② DNEL long-term dermal (systemic)         |
| oxydipropyl dibenzoate<br>CAS No.: 27138-31-4  | 35.08 mg/m <sup>3</sup> | ① DNEL worker<br>② DNEL acute inhalative (systemic)         |
| oxydipropyl dibenzoate<br>CAS No.: 27138-31-4  | 8.8 mg/m <sup>3</sup>   | ① DNEL worker<br>② DNEL long-term inhalative (systemic)     |
| oxydipropyl dibenzoate<br>CAS No.: 27138-31-4  | 170 mg/kg<br>bw/day     | ① DNEL worker<br>② DNEL acute dermal, short-term (systemic) |
| oxydipropyl dibenzoate<br>CAS No.: 27138-31-4  | 10 mg/kg<br>bw/day      | ① DNEL worker<br>② DNEL long-term dermal (systemic)         |
| Phenol, methylstyrenated<br>CAS No.: 68512-30-1  | 57 mg/m <sup>3</sup>    | ① DNEL worker<br>② DNEL acute inhalative (local)            |
| Phenol, methylstyrenated<br>CAS No.: 68512-30-1  | 16.4 mg/kg              | ① DNEL worker<br>② DNEL acute dermal, short-term (local)    |
| 4,4'-Isopropylidenediphenol, oligomeric reaction<br>products with 1-chloro-2,3-epoxypropane<br>CAS No.: 25068-38-6 | 12.3 g/m <sup>3</sup>   | ① DNEL worker<br>② DNEL acute inhalative (systemic)         |
| 4,4'-Isopropylidenediphenol, oligomeric reaction<br>products with 1-chloro-2,3-epoxypropane<br>CAS No.: 25068-38-6 | 12.3 g/m <sup>3</sup>   | ① DNEL worker<br>② DNEL long-term inhalative (systemic)     |
| 4,4'-Isopropylidenediphenol, oligomeric reaction<br>products with 1-chloro-2,3-epoxypropane<br>CAS No.: 25068-38-6 | 8.3 mg/kg               | ① DNEL worker<br>② DNEL acute dermal, short-term (systemic) |
| 4,4'-Isopropylidenediphenol, oligomeric reaction<br>products with 1-chloro-2,3-epoxypropane<br>CAS No.: 25068-38-6 | 8.3 mg/kg               | ① DNEL worker<br>② DNEL long-term dermal (systemic)         |

| Substance name                                 | PNEC Value       | ① PNEC type                          |
|--|------------------|--------------------------------------|
| Alkanes, C14-17, chloro<br>CAS No.: 85535-85-9 | 1 µg/l           | ① PNEC aquatic, freshwater           |
| Alkanes, C14-17, chloro<br>CAS No.: 85535-85-9 | 0.2 µg/l         | ① PNEC aquatic, marine water         |
| Alkanes, C14-17, chloro<br>CAS No.: 85535-85-9 | 5 mg/kg          | ① PNEC sediment, freshwater          |
| Alkanes, C14-17, chloro<br>CAS No.: 85535-85-9 | 1 mg/kg          | ① PNEC sediment, marine water        |
| oxydipropyl dibenzoate<br>CAS No.: 27138-31-4  | 0.0037 mg/l      | ① PNEC aquatic, freshwater           |
| oxydipropyl dibenzoate<br>CAS No.: 27138-31-4  | 0.00037 mg/<br>l | ① PNEC aquatic, marine water         |
| oxydipropyl dibenzoate<br>CAS No.: 27138-31-4  | 0.037 mg/l       | ① PNEC aquatic, intermittent release |
| oxydipropyl dibenzoate<br>CAS No.: 27138-31-4  | 1.49 mg/kg       | ① PNEC sediment, freshwater          |
| oxydipropyl dibenzoate<br>CAS No.: 27138-31-4  | 0.149 mg/kg      | ① PNEC sediment, marine water        |
| oxydipropyl dibenzoate<br>CAS No.: 27138-31-4  | 10 mg/l          | ① PNEC sewage treatment plant (STP)  |

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| Substance name  | PNEC Value  | ① PNEC type                  |
|---|-------------|------------------------------|
| Phenol, methylstyrenated<br>CAS No.: 68512-30-1   | 0.014 mg/l  | ① PNEC aquatic, freshwater   |
| Phenol, methylstyrenated<br>CAS No.: 68512-30-1   | 0.0014 mg/l | ① PNEC aquatic, marine water |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane<br>CAS No.: 25068-38-6 | 0.003 mg/l  | ① PNEC aquatic, freshwater   |

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No data available

#### 8.2.2. Personal protection equipment

##### Eye/face protection:

Eye glasses with side protection (DIN EN 166)

##### Skin protection:

Tested protective gloves must be worn EN ISO 374 In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration. Recommended material: Butyl caoutchouc (butyl rubber), FKM (fluoro rubber), PVC (polyvinyl chloride), CR (polychloroprene, chloroprene rubber), NBR (Nitrile rubber) Suitable material: Breakthrough time (maximum wearing time) min

##### Respiratory protection:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. (Combination filtering device (EN 14387))

##### Other protection measures:

Avoid: Inhalation of vapours or spray/mists. Avoid contact with eyes and skin. Wash hands before breaks and after work. Apply skin care products after work.

#### 8.2.3. Environmental exposure controls

No data available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

**Physical state:** Liquid

**Colour:** black

**Odour:** not determined

#### Safety relevant basis data

| parameter                                    |                       | at °C | Method | Remark |
|--|-----------------------|-------|--------|--------|
| pH   | <i>not determined</i> |       |        |        |
| Melting point                                | <i>not determined</i> |       |        |        |
| Freezing point                               | <i>not determined</i> |       |        |        |
| Initial boiling point and boiling range      | > 200 °C              |       |        |        |
| Decomposition temperature                    | <i>not determined</i> |       |        |        |
| Flash point                                  | 100 °C                |       |        |        |
| Evaporation rate                             | <i>not determined</i> |       |        |        |
| Auto-ignition temperature                    | <i>not determined</i> |       |        |        |
| Upper/lower flammability or explosive limits | <i>not determined</i> |       |        |        |
| Vapour pressure                              | <i>not determined</i> |       |        |        |
| Vapour density                               | <i>not determined</i> |       |        |        |
| Density                                      | <i>not determined</i> |       |        |        |
| Bulk density                                 | <i>not determined</i> |       |        |        |
| Water solubility                             | <i>not determined</i> |       |        |        |

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| parameter                                  |                       | at °C | Method | Remark |
|--|-----------------------|-------|--------|--------|
| Partition coefficient: n-octanol/<br>water | <i>not determined</i> |       |        |        |
| Dynamic viscosity                          | <i>not determined</i> |       |        |        |
| Kinematic viscosity                        | <i>not determined</i> | 40 °C |        |        |

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.4. Conditions to avoid

Safe handling: see section 7

### 10.5. Incompatible materials

Strong acid, Oxidising agent, strong, Reducing agent, strong

### 10.6. Hazardous decomposition products

The mixture is chemically stable under recommended conditions of storage, use and temperature.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

| CAS No.    | Substance name   | Toxicological information   |
|------------|--|---|
| 68611-50-7 | LIQUID POLYSULFIDE POLYMER WITH THIOL END GROUPS (MW >1800)                              | <b>LD<sub>50</sub> oral:</b><br>>5,000 mg/kg (Rat)<br><b>LD<sub>50</sub> dermal:</b><br>>7,800 mg/kg (Rat)  |
| 85535-85-9 | Alkanes, C14-17, chloro  | <b>LD<sub>50</sub> oral:</b><br>>4,000 mg/kg (Rat)<br><b>LC<sub>50</sub> Acute inhalation toxicity (vapour):</b><br>>3,300 mg/l 1 h (Rat)   |
| 27138-31-4 | oxydipropyl dibenzoate   | <b>LD<sub>50</sub> oral:</b><br>3,914 mg/kg (Rat)<br><b>LC<sub>50</sub> Acute inhalation toxicity (gas):</b><br>>200 ppmV 4 h (Rat)<br><b>LD<sub>50</sub> dermal:</b><br>>2,000 mg/kg (Rat) |
| 68512-30-1 | Phenol, methylstyrenated   | <b>LD<sub>50</sub> oral:</b><br>>2,000 mg/kg (Rat)<br><b>LD<sub>50</sub> dermal:</b><br>>2,000 mg/kg (Rat)  |
| 25068-38-6 | 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane | <b>LD<sub>50</sub> oral:</b><br>11,400 mg/kg (Rat)<br><b>LD<sub>50</sub> dermal:</b><br>>22,800 mg/kg (Rabbit)  |

### Acute oral toxicity:

Based on available data, the classification criteria are not met.

### Acute dermal toxicity:

Based on available data, the classification criteria are not met.

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### Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

### Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

### Serious eye damage/irritation:

Based on available data, the classification criteria are not met.

### Respiratory or skin sensitisation:

May cause an allergic skin reaction. Contains 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, Phenol, methylstyrenated. May produce an allergic reaction.

### Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

### Carcinogenicity:

Based on available data, the classification criteria are not met.

### Reproductive toxicity:

May cause harm to breast-fed children.

### STOT-single exposure:

Based on available data, the classification criteria are not met.

### STOT-repeated exposure:

Based on available data, the classification criteria are not met.

### Aspiration hazard:

Based on available data, the classification criteria are not met.

### Additional information:

The product has not been tested. The statement is derived from the properties of the single components. No data available

## SECTION 12: Ecological information

### \* 12.1. Toxicity

| CAS No.    | Substance name  | Toxicological information   |
|------------|---|---|
| 68611-50-7 | LIQUID POLYSULFIDE POLYMER WITH THIOL END GROUPS (MW >1800) | <b>LC<sub>50</sub></b> : >1,000 mg/l 4 d (Leuciscus idus (golden orfe))<br><b>EC<sub>50</sub></b> : 20 mg/l 2 d   |
| 85535-85-9 | Alkanes, C14-17, chloro                                     | <b>LC<sub>50</sub></b> : >5,000 mg/l 4 d (Alburnus alburnus (alburnum)) OECD 203<br><b>EC<sub>50</sub></b> : 0.006 mg/l 2 d (Daphnia magna (Big water flea)) OECD 202<br><b>NOEC</b> : 0.01 mg/l 21 d (Daphnia magna (Big water flea))<br><b>LOEC</b> : 0.018 mg/l 21 d (Daphnia magna (Big water flea)) OECD 202<br><b>NOEC</b> : 0.1 mg/l 4 d (Pseudokirchneriella subcapitata) OECD 201<br><b>LOEC</b> : 0.18 mg/l 4 d (Pseudokirchneriella subcapitata) OECD 201<br><b>EC<sub>50</sub></b> : >3.2 mg/l 4 d (Pseudokirchneriella subcapitata) OECD 201<br><b>NOEC</b> : 0.1 mg/l 3 d (Pseudokirchneriella subcapitata) OECD 201<br><b>LOEC</b> : 0.18 mg/l 3 d (Pseudokirchneriella subcapitata) OECD 201<br><b>EC<sub>50</sub></b> : >3.2 mg/l 3 d (Pseudokirchneriella subcapitata) OECD 201 |
| 27138-31-4 | oxydipropyl dibenzoate                                      | <b>LC<sub>50</sub></b> : 3.7 mg/l 4 d<br><b>EC<sub>50</sub></b> : 10 - 100 mg/l 2 d   |



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| CAS No.    | Substance name   | Toxicological information  |
|------------|--|--|
| 68512-30-1 | Phenol, methylstyrenated   | <b>EC<sub>50</sub></b> : 14 - 51 mg/l 2 d (Daphnia pulex (water flea)) OECD 202<br><b>EC<sub>50</sub></b> : 15 mg/l 3 d OECD 201<br><b>LC<sub>50</sub></b> : 25.8 mg/l 4 d OECD 203  |
| 25068-38-6 | 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane | <b>EC<sub>50</sub></b> : 220 mg/l 4 d (Scenedesmus subspicatus)<br><b>EC<sub>50</sub></b> : 3.6 mg/l 4 d (Leuciscus idus (golden orfe))<br><b>EC<sub>50</sub></b> : 2.8 mg/l 2 d (Daphnia magna (Big water flea))<br><b>LC<sub>50</sub></b> : 1.3 mg/l 4 d |

### Aquatic toxicity:

Very toxic to aquatic life with long lasting effects.

### Assessment/classification:

Very toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

| CAS No.    | Substance name           | Biodegradation | Remark |
|------------|--------------------------|----------------|--------|
| 68512-30-1 | Phenol, methylstyrenated | No             |        |

### 12.3. Bioaccumulative potential

| CAS No.    | Substance name   | Log K <sub>OW</sub> | Bioconcentration factor (BCF) |
|------------|--|---------------------|-------------------------------|
| 25068-38-6 | 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane | 3.242               |                               |

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

| CAS No.    | Substance name   | Results of PBT and vPvB assessment   |
|------------|--|--|
| 68611-50-7 | LIQUID POLYSULFIDE POLYMER WITH THIOL END GROUPS (MW >1800)                              | —  |
| 85535-85-9 | Alkanes, C14-17, chloro  | —  |
| 27138-31-4 | oxydipropyl dibenzoate   | —  |
| 68512-30-1 | Phenol, methylstyrenated   | The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII. |
| 25068-38-6 | 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane | —  |

### 12.6. Other adverse effects

The product has not been tested. The statement is derived from the properties of the single components.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### 13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

#### Waste code product:

|            |   |
|------------|---|
| 08 01 11 * | Waste paint and varnish containing organic solvents or other dangerous substances |
|------------|---|

\*: Evidence for disposal must be provided.

#### Waste treatment options

##### Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

##### Appropriate disposal / Package:

Completely emptied packages can be recycled.

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### SECTION 14: Transport information

| Land transport (ADR/RID)   | Inland waterway craft (ADN)  | Sea transport (IMDG)  | Air transport (ICAO-TI / IATA-DGR)  |
|--|--|---|---|
| <b>14.1. UN-No.</b>  |  |   |   |
| UN 3082  | UN 3082  | UN 3082   | UN 3082   |
| <b>14.2. UN proper shipping name</b>   |  |   |   |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro, 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane)  | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro, 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane)              | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro, 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro, 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane) |
| <b>14.3. Transport hazard class(es)</b>  |  |   |   |
| <br>9  | <br>9  | <br>9   | <br>9   |
| <b>14.4. Packing group</b>   |  |   |   |
| III  | III  | III   | III   |
| <b>14.5. Environmental hazards</b>   |  |   |   |
|   |   | <br>MARINE POLLUTANT   |    |
| <b>14.6. Special precautions for user</b>  |  |   |   |
| <b>Special provisions:</b><br>274   335   375   601<br><b>Limited quantity (LQ):</b> 5 L<br><b>Excepted Quantities:</b><br>E1<br><b>Hazard identification number (Kemler No.):</b> 90<br><b>Classification code:</b><br>M6<br><b>Remark:</b> | <b>Special provisions:</b><br>274   335   375   601<br><b>Limited quantity (LQ):</b> 5 L<br><b>Excepted Quantities:</b><br>E1<br><b>Classification code:</b><br>M6<br><b>Remark:</b> | <b>Special provisions:</b><br>274   335   969<br><b>Limited quantity (LQ):</b> 5 L<br><b>Excepted Quantities:</b><br>E1<br><b>EmS-No.:</b> F-A, S-F<br><b>Remark:</b>   | <b>Special provisions:</b><br>A97   A158   A197<br><b>Excepted Quantities:</b><br>E1<br><b>Remark:</b>  |

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Only use containers specifically approved for the substance/product.

### SECTION 15: Regulatory information

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

##### 15.1.1. EU legislation

No data available

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### 15.1.2. National regulations

 [DE] National regulations

**Water hazard class (WGK)**

**WGK:**

2 - deutlich wassergefährdend

### 15.2. Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### 16.1. Indication of changes

|       |  |
|-------|--|
| 2.1.  | Classification of the substance or mixture |
| 2.2.  | Label elements                             |
| 8.1.  | Control parameters                         |
| 11.1. | Information on toxicological effects       |
| 12.1. | Toxicity                                   |
| 14.6. | Special precautions for user               |

### 16.2. Abbreviations and acronyms

No data available

### 16.3. Key literature references and sources for data

No data available

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

**Classification according to Regulation (EC) No 1272/2008 [CLP]:**

| Hazard classes and hazard categories                                 | Hazard statements   | Classification procedure |
|--|---|--------------------------|
| Respiratory or skin sensitisation<br>( <i>Skin Sens. 1</i> )         | H317: May cause an allergic skin reaction.                  | Calculation method.      |
| Reproductive toxicity ( <i>Lact.</i> )                               | H362: May cause harm to breast-fed children.                | Calculation method.      |
| Hazardous to the aquatic environment<br>( <i>Aquatic Acute 1</i> )   | H400: Very toxic to aquatic life.                           | Calculation method.      |
| Hazardous to the aquatic environment<br>( <i>Aquatic Chronic 1</i> ) | H410: Very toxic to aquatic life with long lasting effects. | Calculation method.      |

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

| Hazard statements |   |
|-------------------|---|
| H315              | Causes skin irritation.                               |
| H317              | May cause an allergic skin reaction.                  |
| H319              | Causes serious eye irritation.                        |
| H362              | May cause harm to breast-fed children.                |
| H410              | Very toxic to aquatic life with long lasting effects. |
| H411              | Toxic to aquatic life with long lasting effects.      |
| H412              | Harmful to aquatic life with long lasting effects.    |

#### Supplemental Hazard information (EU)

|        |   |
|--------|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
|--------|---|

### 16.6. Training advice

No data available

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### 16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

\* Data changed compared with the previous version

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## EUROLASTIC TC 30 S Komponente B 100:20

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

#### 1.1. Product identifier

Trade name/designation:

EUROLASTIC TC 30 S Komponente B 100:20

Article No.:

1087

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

Relevant identified uses:

**Sector of uses [SU]**

**SU 19:** Building and construction work

Uses advised against:

**Sector of uses [SU]**

**SU 21:** Consumer uses

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

Supplier (manufacturer/importer/only representative/downstream user/distributor):

**Euroteam Bauchemie GmbH**

An der Mühle 1  
15345 Altlandsberg  
Germany

**Telephone:** +49 (0) 33438 14790

**Telefax:** +49 (0) 33438 147929

**E-mail:** info@euroteam-bauchemie.de

**Website:** www.euroteam-bauchemie.de

**E-mail (competent person):** info@euroteam-bauchemie.de

#### 1.4. Emergency telephone number

Labor, 24h: +49 (0) 162 2599220, Montag - Donnerstag 7:00 - 16:00; Freitag 7:00 - 13:00 +49 (0) 33438 1479 19 (Only available during office hours.)

### SECTION 2: Hazards identification

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

Classification according to Regulation (EC) No 1272/2008 [CLP]:

| Hazard classes and hazard categories                              | Hazard statements  | Classification procedure |
|---|--|--------------------------|
| Reproductive toxicity ( <i>Lact.</i> )                            | H362: May cause harm to breast-fed children.                                   | Calculation method.      |
| STOT-repeated exposure ( <i>STOT RE 2</i> )                       | H373: May cause damage to organs through prolonged or repeated exposure. (...) | Calculation method.      |
| Hazardous to the aquatic environment ( <i>Aquatic Acute 1</i> )   | H400: Very toxic to aquatic life.  | Calculation method.      |
| Hazardous to the aquatic environment ( <i>Aquatic Chronic 1</i> ) | H410: Very toxic to aquatic life with long lasting effects.                    | Calculation method.      |

\*

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### \* 2.2. Label elements

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

Hazard pictograms:



**GHS08**  
Health hazard



**GHS09**  
Environment

**Signal word:** Warning

**Hazard components for labelling:**

Alkanes, C14-17, chloro; 1,3-diphenylguanidine; manganese dioxide; thiram

#### hazard statements for health hazards

|      |  |
|------|--|
| H362 | May cause harm to breast-fed children.                                   |
| H373 | May cause damage to organs through prolonged or repeated exposure. (...) |

#### Hazard statements for environmental hazards

|      |   |
|------|---|
| H410 | Very toxic to aquatic life with long lasting effects. |
|------|---|

#### Supplemental Hazard information (EU)

|        |  |
|--------|--|
| EUH208 | Contains thiram. May produce an allergic reaction. |
|--------|--|

#### Precautionary statements Prevention

|      |  |
|------|--|
| P201 | Obtain special instructions before use.          |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P273 | Avoid release to the environment.                |

#### Precautionary statements Response

|             |  |
|-------------|--|
| P308 + P313 | IF exposed or concerned: Get medical advice/attention. |
| P314        | Get medical advice/attention if you feel unwell.       |

**Special rules for supplemental label elements for certain mixtures:**

7,8 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (oral).

82,5 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (dermal).

36,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

### 2.3. Other hazards

No data available

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### SECTION 3: Composition / information on ingredients

#### 3.2. Mixtures

##### Hazardous ingredients / Hazardous impurities / Stabilisers:

| product identifiers  | Substance name<br>Classification according to Regulation (EC) No 1272/2008<br>[CLP]   | Concentration     |
|--|---|-------------------|
| <b>CAS No.:</b> 85535-85-9<br><b>EC No.:</b> 287-477-0<br><b>REACH No.:</b><br>01-2119519269-33-00XX | <b>Alkanes, C14-17, chloro</b><br>Aquatic Acute 1, Aquatic Chronic 1, Lact.<br><b>Warning</b> H362-H410-EUH066  | 27 - ≤ 47<br>Wt % |
| <b>CAS No.:</b> 1313-13-9<br><b>EC No.:</b> 215-202-6<br><b>REACH No.:</b><br>01-2119452801-43-XXXX  | <b>manganese dioxide</b><br>Acute Tox. 4, STOT RE 2<br>H302-H332-H373   | 9 - < 17<br>Wt %  |
| <b>CAS No.:</b> 137-26-8<br><b>EC No.:</b> 205-286-2<br><b>REACH No.:</b><br>01-2119492301-45-XXXX   | <b>thiram</b><br>Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1, Eye Irrit. 2,<br>STOT RE 2, Skin Irrit. 2, Skin Sens. 1<br><b>Warning</b> H302-H315-H317-H319-H332-H373-H410 M-<br>factor (acute): 10 M-factor (chronic): 10 | 0 - ≤ 1<br>Wt %   |
| <b>CAS No.:</b> 102-06-7<br><b>EC No.:</b> 203-002-1<br><b>REACH No.:</b><br>01-2119519144-47-XXXX   | <b>1,3-diphenylguanidine</b><br>Acute Tox. 3, Aquatic Chronic 2, Eye Dam. 1, Repr. 2, STOT SE 3,<br>Skin Irrit. 2<br><b>Danger</b> H301-H315-H318-H335-H361fd-H411  | 0 - ≤ 1<br>Wt %   |

Full text of H- and EUH-phrases: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

##### Following inhalation:

Provide fresh air. Get medical advice/attention if you feel unwell.

##### In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing.

##### After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

##### After ingestion:

Rinse mouth. Let water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

##### Self-protection of the first aider:

Use personal protection equipment. No direct artificial respiration to be given by first aider.

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

No data available

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

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media:**

Foam, Dry extinguishing powder, Carbon dioxide (CO<sub>2</sub>), Water spray jet Co-ordinate fire-fighting measures to the fire surroundings.

**Unsuitable extinguishing media:**

Full water jet

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

The product itself does not burn.

**Hazardous combustion products:**

In case of fire: Gases/vapours, toxic

#### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

**Personal precautions:**

Remove persons to safety.

**Protective equipment:**

Wear protective gloves/protective clothing/eye protection/face protection.

##### 6.1.2. For emergency responders

**Personal protection equipment:**

Personal protection equipment: see section 8

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

**For containment:**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

**For cleaning up:**

Solvents/Thinner

#### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

#### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Protective measures**

**Advices on safe handling:**

Wear personal protection equipment (refer to section 8). Avoid contact during pregnancy/while nursing.

**Fire prevent measures:**

No special measures are necessary.

**Environmental precautions:**

Do not allow to enter into soil/subsoil.

**Advices on general occupational hygiene**

When using do not eat, drink or smoke. Avoid contact with eyes and skin.



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

#### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

#### Requirements for storage rooms and vessels:

Keep/Store only in original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect against direct sunlight.

**Storage class:** 10 - Combustible liquids that cannot be assigned to any of the above storage classes

### 7.3. Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

| Limit value type (country of origin) | Substance name                                 | ① long-term occupational exposure limit value<br>② short-term occupational exposure limit value<br>③ Instantaneous value<br>④ Monitoring and observation processes<br>⑤ Remark |
|--------------------------------------|--|--|
| TRGS 900 (DE)                        | Alkanes, C14-17, chloro<br>CAS No.: 85535-85-9 | ① 0.3 ppm (6 mg/m <sup>3</sup> )<br>② 2.4 ppm (48 mg/m <sup>3</sup> )<br>⑤ (einatembare Fraktion; kann über die Haut aufgenommen werden)                                       |
| TRGS 900 (DE)                        | thiram<br>CAS No.: 137-26-8                    | ① 1 mg/m <sup>3</sup><br>② 2 mg/m <sup>3</sup><br>⑤ (einatembare Fraktion)   |

#### 8.1.2. Biological limit values

No data available

#### 8.1.3. DNEL-/PNEC-values

| Substance name                                 | DNEL value              | ① DNEL type<br>② Exposure route                           |
|--|-------------------------|---|
| Alkanes, C14-17, chloro<br>CAS No.: 85535-85-9 | 6.7 mg/m <sup>3</sup>   | ① DNEL worker<br>② DNEL long-term inhalative (systemic)   |
| Alkanes, C14-17, chloro<br>CAS No.: 85535-85-9 | 47.9 mg/kg<br>bw/day    | ① DNEL worker<br>② DNEL long-term dermal (systemic)       |
| manganese dioxide<br>CAS No.: 1313-13-9        | 0.2 mg/m <sup>3</sup>   | ① DNEL worker<br>② DNEL long-term inhalative (systemic)   |
| manganese dioxide<br>CAS No.: 1313-13-9        | 0.043 mg/m <sup>3</sup> | ① DNEL Consumer<br>② DNEL long-term inhalative (systemic) |
| manganese dioxide<br>CAS No.: 1313-13-9        | 0.004 mg/kg<br>bw/day   | ① DNEL worker<br>② DNEL long-term dermal (systemic)       |
| 1,3-diphenylguanidine<br>CAS No.: 102-06-7     | 1.2 mg/m <sup>3</sup>   | ① DNEL worker<br>② DNEL long-term inhalative (systemic)   |
| 1,3-diphenylguanidine<br>CAS No.: 102-06-7     | 1.7 mg/kg<br>bw/day     | ① DNEL worker<br>② DNEL long-term dermal (systemic)       |

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| Substance name                                 | PNEC Value          | ① PNEC type                          |
|--|---------------------|--------------------------------------|
| Alkanes, C14-17, chloro<br>CAS No.: 85535-85-9 | 1 µg/l              | ① PNEC aquatic, freshwater           |
| Alkanes, C14-17, chloro<br>CAS No.: 85535-85-9 | 0.2 µg/l            | ① PNEC aquatic, marine water         |
| Alkanes, C14-17, chloro<br>CAS No.: 85535-85-9 | 5 mg/kg             | ① PNEC sediment, freshwater          |
| Alkanes, C14-17, chloro<br>CAS No.: 85535-85-9 | 1 mg/kg             | ① PNEC sediment, marine water        |
| manganese dioxide<br>CAS No.: 1313-13-9        | 0.00014 mg/l        | ① PNEC aquatic, freshwater           |
| manganese dioxide<br>CAS No.: 1313-13-9        | 0.000014 mg/l       | ① PNEC aquatic, marine water         |
| manganese dioxide<br>CAS No.: 1313-13-9        | 100 mg/l            | ① PNEC sewage treatment plant (STP)  |
| manganese dioxide<br>CAS No.: 1313-13-9        | 0.037 mg/kg bw/day  | ① PNEC sediment, freshwater          |
| manganese dioxide<br>CAS No.: 1313-13-9        | 0.0037 mg/kg bw/day | ① PNEC sediment, marine water        |
| 1,3-diphenylguanidine<br>CAS No.: 102-06-7     | 30 µg/l             | ① PNEC aquatic, freshwater           |
| 1,3-diphenylguanidine<br>CAS No.: 102-06-7     | 3 µg/l              | ① PNEC aquatic, marine water         |
| 1,3-diphenylguanidine<br>CAS No.: 102-06-7     | 0.014 mg/l          | ① PNEC aquatic, intermittent release |
| 1,3-diphenylguanidine<br>CAS No.: 102-06-7     | 14.892 mg/kg        | ① PNEC sediment, freshwater          |
| 1,3-diphenylguanidine<br>CAS No.: 102-06-7     | 1.4892 mg/kg        | ① PNEC sediment, marine water        |
| 1,3-diphenylguanidine<br>CAS No.: 102-06-7     | 1.47 mg/l           | ① PNEC sewage treatment plant (STP)  |
| 1,3-diphenylguanidine<br>CAS No.: 102-06-7     | 3.78 mg/kg          | ① PNEC Secondary Poisoning           |

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No data available

#### 8.2.2. Personal protection equipment

##### Eye/face protection:

Eye glasses with side protection DIN EN 166

##### Skin protection:

PVC (polyvinyl chloride), CR (polychloroprene, chloroprene rubber), NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber), FKM (fluoro rubber). Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time (maximum wearing time) min In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.

##### Respiratory protection:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Combination filtering device (EN 14387)

##### Other protection measures:

Avoid contact with eyes. Avoid contact with skin. Wash hands before breaks and after work. Apply skin care products after work.

#### 8.2.3. Environmental exposure controls

No data available

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

##### Appearance

Physical state: Liquid

Colour: dark brown

Odour: not determined

##### Safety relevant basis data

| parameter                                    |  | at °C | Method | Remark |
|--|--|-------|--------|--------|
| pH   | 7  |       |        |        |
| Melting point                                | <i>not determined</i>  |       |        |        |
| Freezing point                               | <i>not determined</i>  |       |        |        |
| Initial boiling point and boiling range      | > 200 °C   |       |        |        |
| Decomposition temperature                    | <i>not determined</i>  |       |        |        |
| Flash point                                  | 100 °C   |       |        |        |
| Evaporation rate                             | <i>not determined</i>  |       |        |        |
| Auto-ignition temperature                    | <i>not determined</i>  |       |        |        |
| Upper/lower flammability or explosive limits | <i>not determined</i>  |       |        |        |
| Vapour pressure                              | <i>not determined</i>  |       |        |        |
| Vapour density                               | <i>not determined</i>  |       |        |        |
| Density                                      | <i>not determined</i>  |       |        |        |
| Bulk density                                 | <i>not determined</i>  |       |        |        |
| Water solubility                             | The study does not need to be conducted because the substance is known to be insoluble in water. | 20 °C |        |        |
| Partition coefficient: n-octanol/water       | <i>not determined</i>  |       |        |        |
| Dynamic viscosity                            | <i>not determined</i>  |       |        |        |
| Kinematic viscosity                          | <i>not determined</i>  | 40 °C |        |        |

#### 9.2. Other information

No data available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product itself does not burn.

#### 10.2. Chemical stability

No data available

#### 10.3. Possibility of hazardous reactions

No data available

#### 10.4. Conditions to avoid

Safe handling: see section 7

#### 10.5. Incompatible materials

No data available

#### 10.6. Hazardous decomposition products

Hydrogen chloride (HCl), Nitrogen oxides (NO<sub>x</sub>)

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### SECTION 11: Toxicological information

#### \* 11.1. Information on toxicological effects

| CAS No.    | Substance name          | Toxicological information  |
|------------|-------------------------|--|
| 85535-85-9 | Alkanes, C14-17, chloro | <b>LD<sub>50</sub> oral:</b><br>>4,000 mg/kg (Rat)<br><b>LC<sub>50</sub> Acute inhalation toxicity (vapour):</b><br>>3,300 mg/l 1 h (Rat)  |
| 1313-13-9  | manganese dioxide       | <b>LD<sub>50</sub> oral:</b><br>>3,480 mg/kg (Rat)   |
| 137-26-8   | thiram                  | <b>LD<sub>50</sub> oral:</b><br>1,800 mg/kg (Rat)<br><b>LD<sub>50</sub> dermal:</b><br>>2,000 mg/kg (Rabbit)<br><b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b><br>3.464 mg/l 4 h (Rat) OECD 403 |
| 102-06-7   | 1,3-diphenylguanidine   | <b>LD<sub>50</sub> oral:</b><br>107 mg/kg (Rat)<br><b>LD<sub>50</sub> dermal:</b><br>>2,000 mg/kg (Rabbit)   |

#### **Acute oral toxicity:**

Based on available data, the classification criteria are not met.

#### **Acute dermal toxicity:**

Based on available data, the classification criteria are not met.

#### **Acute inhalation toxicity:**

Based on available data, the classification criteria are not met.

#### **Skin corrosion/irritation:**

Based on available data, the classification criteria are not met.

#### **Serious eye damage/irritation:**

Based on available data, the classification criteria are not met.

#### **Respiratory or skin sensitisation:**

Contains thiram. May produce an allergic reaction.

#### **Germ cell mutagenicity:**

Based on available data, the classification criteria are not met.

#### **Carcinogenicity:**

Based on available data, the classification criteria are not met.

#### **Reproductive toxicity:**

May cause harm to breast-fed children.

#### **STOT-single exposure:**

Based on available data, the classification criteria are not met.

#### **STOT-repeated exposure:**

May cause damage to organs through prolonged or repeated exposure.

#### **Aspiration hazard:**

Based on available data, the classification criteria are not met.

#### **Additional information:**

The product has not been tested. The statement is derived from the properties of the single components. No data available

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### SECTION 12: Ecological information

#### \* 12.1. Toxicity

| CAS No.    | Substance name          | Toxicological information   |
|------------|-------------------------|---|
| 85535-85-9 | Alkanes, C14-17, chloro | <b>LC<sub>50</sub></b> : >5,000 mg/l 4 d (Alburnus alburnus (alburnum)) OECD 203<br><b>EC<sub>50</sub></b> : 0.006 mg/l 2 d (Daphnia magna (Big water flea)) OECD 202<br><b>NOEC</b> : 0.01 mg/l 21 d (Daphnia magna (Big water flea))<br><b>LOEC</b> : 0.018 mg/l 21 d (Daphnia magna (Big water flea)) OECD 202<br><b>NOEC</b> : 0.1 mg/l 4 d (Pseudokirchneriella subcapitata) OECD 201<br><b>LOEC</b> : 0.18 mg/l 4 d (Pseudokirchneriella subcapitata) OECD 201<br><b>EC<sub>50</sub></b> : >3.2 mg/l 4 d (Pseudokirchneriella subcapitata) OECD 201<br><b>NOEC</b> : 0.1 mg/l 3 d (Pseudokirchneriella subcapitata) OECD 201<br><b>LOEC</b> : 0.18 mg/l 3 d (Pseudokirchneriella subcapitata) OECD 201<br><b>EC<sub>50</sub></b> : >3.2 mg/l 3 d (Pseudokirchneriella subcapitata) OECD 201 |
| 137-26-8   | thiram                  | <b>EC<sub>50</sub></b> : 0.38 mg/l 2 d (Daphnia magna (Big water flea)) OECD 202<br><b>EC<sub>50</sub></b> : 0.065 mg/l 3 d OECD 201<br><b>LC<sub>50</sub></b> : 0.046 mg/l 4 d (Oncorhynchus mykiss (Rainbow trout)) OECD 203<br><b>NOEC</b> : 0.01 mg/l 4 d (Oncorhynchus mykiss (Rainbow trout)) OECD 203<br><b>NOEC</b> : 0.14 mg/l 2 d (Daphnia magna (Big water flea)) OECD 202   |
| 102-06-7   | 1,3-diphenylguanidine   | <b>LC<sub>50</sub></b> : 4.2 mg/l 4 d (Pimephales promelas (fathead minnow))<br><b>EC<sub>50</sub></b> : 17 mg/l 2 d (Daphnia magna (Big water flea))<br><b>IC<sub>50</sub></b> : 1.7 mg/l 3 d (Selenastrum capricornutum)<br><b>EC<sub>50</sub></b> : 2.6 mg/l 3 d (Desmodesmus subspicatus)   |

#### Aquatic toxicity:

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

#### 12.2. Persistence and degradability

| CAS No.  | Substance name | Biodegradation | Remark |
|----------|----------------|----------------|--------|
| 137-26-8 | thiram         | No             |        |

#### 12.3. Bioaccumulative potential

No data available

#### 12.4. Mobility in soil

No data available

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### 12.5. Results of PBT and vPvB assessment

| CAS No.    | Substance name          | Results of PBT and vPvB assessment   |
|------------|-------------------------|--|
| 85535-85-9 | Alkanes, C14-17, chloro | —  |
| 1313-13-9  | manganese dioxide       | —  |
| 137-26-8   | thiram                  | The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII. |
| 102-06-7   | 1,3-diphenylguanidine   | —  |

### 12.6. Other adverse effects

The product has not been tested. The statement is derived from the properties of the single components.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### 13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

#### Waste code product:

08 01 11 \* Waste paint and varnish containing organic solvents or other dangerous substances

\*: Evidence for disposal must be provided.

#### Waste treatment options









#### Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

#### Appropriate disposal / Package:

Completely emptied packages can be recycled.

## SECTION 14: Transport information

| Land transport (ADR/RID)   | Inland waterway craft (ADN)  | Sea transport (IMDG)  | Air transport (ICAO-TI / IATA-DGR)   |
|--|--|---|--|
| <b>14.1. UN-No.</b>  |  |   |  |
| UN 3082  | UN 3082  | UN 3082   | UN 3082  |
| <b>14.2. UN proper shipping name</b>   |  |   |  |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro, 1,3-diphenylguanidine) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro, 1,3-diphenylguanidine) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro, 1,3-diphenylguanidine)    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro, 1,3-diphenylguanidine) |
| <b>14.3. Transport hazard class(es)</b>  |  |   |  |
| <br>9             | <br>9             | <br>9                | <br>9           |
| <b>14.4. Packing group</b>   |  |   |  |
| III  | III  | III   | III  |
| <b>14.5. Environmental hazards</b>   |  |   |  |
|                   |                   | <br>MARINE POLLUTANT |                 |

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| Land transport (ADR/RID)   | Inland waterway craft (ADN)  | Sea transport (IMDG)  | Air transport (ICAO-TI / IATA-DGR)   |
|--|--|---|--|
| <b>14.6. Special precautions for user</b>  |  |   |  |
| <b>Special provisions:</b><br>274   335   375   601<br><b>Limited quantity (LQ):</b> 5 L<br><b>Excepted Quantities:</b><br>E1<br><b>Hazard identification number (Kemler No.):</b> 90<br><b>Classification code:</b><br>M6<br><b>Remark:</b> | <b>Special provisions:</b><br>274   335   375   601<br><b>Limited quantity (LQ):</b> 5 L<br><b>Excepted Quantities:</b><br>E1<br><b>Classification code:</b><br>M6<br><b>Remark:</b> | <b>Special provisions:</b><br>274   335   969<br><b>Limited quantity (LQ):</b> 5 L<br><b>Excepted Quantities:</b><br>E1<br><b>EmS-No.:</b> F-A, S-F<br><b>Remark:</b> | <b>Special provisions:</b><br>A97   A158   A197<br><b>Excepted Quantities:</b><br>E1<br><b>Remark:</b> |

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Only use containers specifically approved for the substance/product.

## SECTION 15: Regulatory information

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

#### 15.1.1. EU legislation

No data available

#### 15.1.2. National regulations

 [DE] National regulations

#### Water hazard class (WGK)

##### WGK:

3 - stark wassergefährdend

### 15.2. Chemical Safety Assessment

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

|       |  |
|-------|--|
| 2.1.  | Classification of the substance or mixture |
| 2.2.  | Label elements                             |
| 11.1. | Information on toxicological effects       |
| 12.1. | Toxicity                                   |

### 16.2. Abbreviations and acronyms

No data available

### 16.3. Key literature references and sources for data

No data available

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### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

#### Classification according to Regulation (EC) No 1272/2008 [CLP]:

| Hazard classes and hazard categories                              | Hazard statements  | Classification procedure |
|---|--|--------------------------|
| Reproductive toxicity ( <i>Lact.</i> )                            | H362: May cause harm to breast-fed children.                                   | Calculation method.      |
| STOT-repeated exposure ( <i>STOT RE 2</i> )                       | H373: May cause damage to organs through prolonged or repeated exposure. (...) | Calculation method.      |
| Hazardous to the aquatic environment ( <i>Aquatic Acute 1</i> )   | H400: Very toxic to aquatic life.  | Calculation method.      |
| Hazardous to the aquatic environment ( <i>Aquatic Chronic 1</i> ) | H410: Very toxic to aquatic life with long lasting effects.                    | Calculation method.      |

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

| Hazard statements |  |
|-------------------|--|
| H301              | Toxic if swallowed.  |
| H302              | Harmful if swallowed.  |
| H315              | Causes skin irritation.  |
| H317              | May cause an allergic skin reaction.                                     |
| H318              | Causes serious eye damage.   |
| H319              | Causes serious eye irritation.   |
| H332              | Harmful if inhaled.  |
| H335              | May cause respiratory irritation.  |
| H361fd            | Suspected of damaging fertility. Suspected of damaging the unborn child. |
| H362              | May cause harm to breast-fed children.                                   |
| H373              | May cause damage to organs through prolonged or repeated exposure. (...) |
| H373              | May cause damage to organs through prolonged or repeated exposure. (...) |
| H410              | Very toxic to aquatic life with long lasting effects.                    |
| H411              | Toxic to aquatic life with long lasting effects.                         |

#### Supplemental Hazard information (EU)

|        |   |
|--------|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
|--------|---|

### 16.6. Training advice

No data available

### 16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

\* Data changed compared with the previous version