

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 3110 paste

Revision date: 27.03.2025

Product code: 3110P

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

### 1.1. Product identifier

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

#### Use of the substance/mixture

Adhesives and sealants

#### Uses advised against

No information available.

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

#### Manufacturer

|                 |                             |                              |
|-----------------|-----------------------------|------------------------------|
| Company name:   | Kisling AG                  |                              |
| Street:         | Motorenstrasse 102          |                              |
| Place:          | CH-8620 Wetzikon            |                              |
| Telephone:      | +41 58 272 0 272            |                              |
| E-mail:         | customerservice@kisling.com |                              |
| Contact person: | Product Compliance          | Telephone: +49 7940 5096 143 |
| E-mail:         | compliance@kisling.com      |                              |
| Internet:       | www.kisling.com             |                              |

#### Supplier

|                 |                             |                              |
|-----------------|-----------------------------|------------------------------|
| Company name:   | Kisling (Deutschland) GmbH  |                              |
| Street:         | Salzstraße 15               |                              |
| Place:          | D-74676 Niedernhall         |                              |
| Telephone:      | +49 7940 50961 61           |                              |
| E-mail:         | customerservice@kisling.com |                              |
| Contact person: | Product Compliance          | Telephone: +49 7940 5096 143 |
| E-mail:         | compliance@kisling.com      |                              |
| Internet:       | www.kisling.com             |                              |

### 1.4. Emergency telephone number:

24 hr. emergency phone number +1 872 5888271 (KAR)  
Medicines & Poisons Info Office +356 2545 6508

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

### 2.2. Label elements

#### Regulation (EC) No 1272/2008

#### Special labelling of certain mixtures

|        |                                                                                     |
|--------|-------------------------------------------------------------------------------------|
| EUH208 | Contains Dimethylbis[(1-oxoneodecyl)oxy]stannane. May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request.                                             |

### 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixture of substances listed below with nonhazardous components.

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#### Relevant ingredients

| CAS No     | Chemical name                                                                                                     |          |                  | Quantity  |
|------------|-------------------------------------------------------------------------------------------------------------------|----------|------------------|-----------|
|            | EC No                                                                                                             | Index No | REACH No         |           |
|            | Classification (Regulation (EC) No 1272/2008)                                                                     |          |                  |           |
| 37859-55-5 | 2-Pentanone, 2,2',2''-[O,O',O''-(methylsilylidyne)trioxime]                                                       |          |                  | 1 - < 5 % |
|            | 484-460-1                                                                                                         |          | 01-2120004323-76 |           |
|            | Acute Tox. 4, Eye Irrit. 2; H302 H319                                                                             |          |                  |           |
| 58190-62-8 | 2-Pentanone, 2,2',2''-[O,O',O''-(ethenylsilylidyne)trioxime]                                                      |          |                  | 1 - < 5 % |
|            | 700-810-0                                                                                                         |          | 01-2120006148-66 |           |
|            | Acute Tox. 4, Eye Irrit. 2; H302 H319                                                                             |          |                  |           |
| 68928-76-7 | Dimethylbis[(1-oxoneodecyl)oxy]stannane                                                                           |          |                  | < 0.1 %   |
|            | 273-028-6                                                                                                         |          | 01-2120770324-57 |           |
|            | Repr. 2, Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1A, STOT RE 1, Aquatic Chronic 3; H361d H302 H315 H317 H372 H412 |          |                  |           |

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

#### Specific Conc. Limits, M-factors and ATE

| CAS No     | EC No     | Chemical name                                                   | Quantity  |
|------------|-----------|-----------------------------------------------------------------|-----------|
|            |           | Specific Conc. Limits, M-factors and ATE                        |           |
| 37859-55-5 | 484-460-1 | 2-Pentanone, 2,2',2''-[O,O',O''-(methylsilylidyne)trioxime]     | 1 - < 5 % |
|            |           | dermal: LD50 = > 2000 mg/kg; oral: LD50 = ca. 1234 mg/kg        |           |
| 58190-62-8 | 700-810-0 | 2-Pentanone, 2,2',2''-[O,O',O''-(ethenylsilylidyne)trioxime]    | 1 - < 5 % |
|            |           | dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 1000 - < 2000 mg/kg |           |
| 68928-76-7 | 273-028-6 | Dimethylbis[(1-oxoneodecyl)oxy]stannane                         | < 0.1 %   |
|            |           | dermal: LD50 = >2000 mg/kg; oral: LD50 = 892 mg/kg              |           |

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

No special measures are necessary.

##### After inhalation

Provide fresh air.

##### After contact with skin

Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

##### After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water. IF SWALLOWED: Immediately call a doctor.

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

No information available.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO2), Dry extinguishing powder

##### Unsuitable extinguishing media

Full water jet.

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

Hazardous combustion products, Flammable vapours can accumulate in steam space of closed systems.

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

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

#### **Additional information**

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray jet to protect personnel and to cool endangered containers. Evacuate area.

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

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

##### **General advice**

Use personal protection equipment. See protective measures under point 7 and 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**

Prevent spread over a wide area (e.g. by containment or oil barriers). Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

##### **For cleaning up**

Soak up inert absorbent and dispose as waste requiring special attention.

#### **6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

Use only in well-ventilated areas. Keep away from sources of ignition - No smoking.

##### **Advice on general occupational hygiene**

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

##### **Further information on handling**

Keep only in the original container in a cool, well-ventilated place.

Never use pressure to empty container. Do not allow to enter into surface water or drains.

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

##### **Requirements for storage rooms and vessels**

Keep container tightly closed and in a well-ventilated place.

##### **Hints on joint storage**

No special measures are necessary.

##### **Further information on storage conditions**

No special measures are necessary.

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

#### **8.1. Control parameters**

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#### DNEL/DMEL values

| CAS No                   | Name of agent                                                |                |          |                    |
|--------------------------|--------------------------------------------------------------|----------------|----------|--------------------|
| DNEL type                |                                                              | Exposure route | Effect   | Value              |
| 37859-55-5               | 2-Pentanone, 2,2',2''-[O,O',O''-(methylsilylidyne)trioxime]  |                |          |                    |
| Consumer DNEL, long-term |                                                              | oral           | systemic | 0,033 mg/kg bw/day |
| Worker DNEL, long-term   |                                                              | inhalation     | systemic | 0,229 mg/m³        |
| Worker DNEL, long-term   |                                                              | dermal         | systemic | 0,065 mg/kg bw/day |
| Consumer DNEL, long-term |                                                              | dermal         | systemic | 0,033 mg/kg bw/day |
| Consumer DNEL, long-term |                                                              | inhalation     | systemic | 0,057 mg/m³        |
| 58190-62-8               | 2-Pentanone, 2,2',2''-[O,O',O''-(ethenylsilylidyne)trioxime] |                |          |                    |
| Worker DNEL, long-term   |                                                              | inhalation     | systemic | 0,229 mg/m³        |
| Worker DNEL, long-term   |                                                              | dermal         | systemic | 0,065 mg/kg bw/day |
| Consumer DNEL, long-term |                                                              | inhalation     | systemic | 0,057 mg/m³        |
| Consumer DNEL, long-term |                                                              | dermal         | systemic | 0,033 mg/kg bw/day |
| Consumer DNEL, long-term |                                                              | oral           | systemic | 0,033 mg/kg bw/day |

#### PNEC values

| CAS No                                           | Name of agent                                                |  |
|--------------------------------------------------|--------------------------------------------------------------|--|
| Environmental compartment                        | Value                                                        |  |
| 37859-55-5                                       | 2-Pentanone, 2,2',2''-[O,O',O''-(methylsilylidyne)trioxime]  |  |
| Freshwater                                       | 0,1 mg/l                                                     |  |
| Marine water                                     | 0,01 mg/l                                                    |  |
| Freshwater sediment                              | 0,569 mg/kg                                                  |  |
| Marine sediment                                  | 0,057 mg/kg                                                  |  |
| Micro-organisms in sewage treatment plants (STP) | 2,15 mg/l                                                    |  |
| Soil                                             | 0,044 mg/kg                                                  |  |
| 58190-62-8                                       | 2-Pentanone, 2,2',2''-[O,O',O''-(ethenylsilylidyne)trioxime] |  |
| Freshwater                                       | 0,103 mg/l                                                   |  |
| Marine water                                     | 0,01 mg/l                                                    |  |
| Freshwater sediment                              | 0,586 mg/kg                                                  |  |
| Marine sediment                                  | 0,059 mg/kg                                                  |  |
| Micro-organisms in sewage treatment plants (STP) | 2,22 mg/l                                                    |  |
| Soil                                             | 0,046 mg/kg                                                  |  |

#### Additional advice on limit values

To date, no national critical limit values exist.

#### 8.2. Exposure controls



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#### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Wear eye/face protection.

##### Hand protection

Wear protective gloves.

Breakthrough times and swelling properties of the material must be taken into consideration.

NR (natural rubber, Natural latex) 0,5 mm, Breakthrough time: 480 min

EN ISO 374

##### Skin protection

Avoid contact with skin, eyes and clothes.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

#### Environmental exposure controls

Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties

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

|                                                           |                |                                     |
|-----------------------------------------------------------|----------------|-------------------------------------|
| Physical state:                                           | Paste          |                                     |
| Colour:                                                   | black          |                                     |
| Odour:                                                    | characteristic |                                     |
| Odour threshold:                                          | not determined |                                     |
| Melting point/freezing point:                             |                | not determined                      |
| Boiling point or initial boiling point and boiling range: |                | not applicable                      |
| Flammability:                                             |                | not applicable                      |
| Lower explosion limits:                                   |                | not determined                      |
| Upper explosion limits:                                   |                | not determined                      |
| Flash point:                                              |                | not applicable                      |
| Auto-ignition temperature:                                |                | not determined                      |
| Decomposition temperature:                                |                | not determined                      |
| pH-Value:                                                 |                | not determined                      |
| Viscosity / kinematic:                                    |                | not determined                      |
| Water solubility:                                         |                | not determined                      |
| Solubility in other solvents                              |                |                                     |
| not determined                                            |                |                                     |
| Partition coefficient n-octanol/water:                    |                | not determined                      |
| Vapour pressure:                                          |                | not determined                      |
| Density (at 20 °C):                                       |                | 1,25 g/cm <sup>3</sup>              |
| Relative density:                                         |                | not determined                      |
| Relative vapour density:                                  |                | Not determinable due to hydrolysis. |

### 9.2. Other information

#### Information with regard to physical hazard classes

##### Explosive properties

The product is not: Explosive.

##### Oxidizing properties

not determined

#### Other safety characteristics

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|                      |                |
|----------------------|----------------|
| Evaporation rate:    | not determined |
| Solid content:       | not determined |
| Viscosity / dynamic: | not determined |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No known hazardous reactions.

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

Thermal decomposition can lead to the escape of irritating gases and vapours.

Vapours can form explosive mixtures with air.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

### **Further information**

No data available

## SECTION 11: Toxicological information

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

#### **Toxicokinetics, metabolism and distribution**

No data available

#### **Acute toxicity**

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

#### **ATEmix calculated**

ATE (oral) > 5000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l

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| CAS No     | Chemical name                                                    |                            |         |                         |                    |
|------------|------------------------------------------------------------------|----------------------------|---------|-------------------------|--------------------|
|            | Exposure route                                                   | Dose                       | Species | Source                  | Method             |
| 37859-55-5 | 2-Pentanone, 2,2',2''-[O,O',O''-(methylsilyldiylidene)trioxime]  |                            |         |                         |                    |
|            | oral                                                             | LD50 ca. 1234 mg/kg        | Rat     | Study report (2008)     | OECD Guideline 425 |
|            | dermal                                                           | LD50 > 2000 mg/kg          | Rat     | Study report (1995)     | EU Method B.3      |
| 58190-62-8 | 2-Pentanone, 2,2',2''-[O,O',O''-(ethenylsilyldiylidene)trioxime] |                            |         |                         |                    |
|            | oral                                                             | LD50 > 1000 - < 2000 mg/kg | Rat     | Study report (2012)     | OECD Guideline 423 |
|            | dermal                                                           | LD50 > 2000 mg/kg          | Rat     | Study report (1995)     | EU Method B.3      |
| 68928-76-7 | Dimethylbis[(1-oxodecyl)oxy]stannane                             |                            |         |                         |                    |
|            | oral                                                             | LD50 892 mg/kg             | Rat     | Study report (2001)     | OECD Guideline 401 |
|            | dermal                                                           | LD50 >2000 mg/kg           | Rat     | Pre-supplier/manufacter |                    |

#### Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

#### Sensitising effects

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

Contains Dimethylbis[(1-oxodecyl)oxy]stannane. May produce an allergic reaction.

#### Carcinogenic/mutagenic/toxic effects for reproduction

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

#### 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.

#### Information on likely routes of exposure

No data available

#### Specific effects in experiment on an animal

No data available

#### Additional information on tests

No data available

#### Practical experience

May be harmful if swallowed, in contact with skin or if inhaled.

### 11.2. Information on other hazards

#### Other information

No data available

#### Further information

No data available

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## SECTION 12: Ecological information

### 12.1. Toxicity

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

| CAS No     | Chemical name                                                |                 |           |                          |                            |                    |
|------------|--------------------------------------------------------------|-----------------|-----------|--------------------------|----------------------------|--------------------|
|            | Aquatic toxicity                                             | Dose            | [h]   [d] | Species                  | Source                     | Method             |
| 37859-55-5 | 2-Pentanone, 2,2',2''-[O,O',O''-(methylsilylidyne)trioxime]  |                 |           |                          |                            |                    |
|            | Acute fish toxicity                                          | LC50 > 113 mg/l | 96 h      |                          | REACH Registration Dossier |                    |
|            | Acute algae toxicity                                         | ErC50 100 mg/l  | 72 h      |                          | REACH Registration Dossier |                    |
|            | Acute crustacea toxicity                                     | EC50 > 100 mg/l | 48 h      | Daphnia magna            | REACH Registration Dossier | OECD Guideline 202 |
| 58190-62-8 | 2-Pentanone, 2,2',2''-[O,O',O''-(ethenylsilylidyne)trioxime] |                 |           |                          |                            |                    |
|            | Acute fish toxicity                                          | LC50 > 117 mg/l | 96 h      |                          | REACH Registration Dossier |                    |
|            | Acute algae toxicity                                         | ErC50 103 mg/l  | 72 h      |                          | REACH Registration Dossier |                    |
|            | Acute crustacea toxicity                                     | EC50 > 117 mg/l | 48 h      |                          | REACH Registration Dossier |                    |
| 68928-76-7 | Dimethylbis[(1-oxoneodecyl)oxy]stannane                      |                 |           |                          |                            |                    |
|            | Acute algae toxicity                                         | ErC50 7,6 mg/l  | 72 h      | Raphidocelis subcapitata | REACH Registration Dossier | OECD Guideline 201 |
|            | Acute crustacea toxicity                                     | EC50 39 mg/l    | 48 h      | Daphnia magna            | REACH Registration Dossier | OECD Guideline 202 |

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### Partition coefficient n-octanol/water

| CAS No     | Chemical name                                                | Log Pow  |
|------------|--------------------------------------------------------------|----------|
| 37859-55-5 | 2-Pentanone, 2,2',2''-[O,O',O''-(methylsilylidyne)trioxime]  | ca. 1,25 |
| 58190-62-8 | 2-Pentanone, 2,2',2''-[O,O',O''-(ethenylsilylidyne)trioxime] | ca. 1,25 |
| 68928-76-7 | Dimethylbis[(1-oxoneodecyl)oxy]stannane                      | 5,503    |

### BCF

| CAS No     | Chemical name                                                | BCF   | Species | Source               |
|------------|--------------------------------------------------------------|-------|---------|----------------------|
| 37859-55-5 | 2-Pentanone, 2,2',2''-[O,O',O''-(methylsilylidyne)trioxime]  | 3,103 |         | REACH Registration D |
| 58190-62-8 | 2-Pentanone, 2,2',2''-[O,O',O''-(ethenylsilylidyne)trioxime] | 3,103 |         | REACH Registration D |

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#### 12.4. Mobility in soil

No data available

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. Other adverse effects

No data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### **Disposal recommendations**

Dispose of waste according to applicable legislation.

##### **List of Wastes Code - residues/unused products**

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

##### **List of Wastes Code - used product**

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

##### **List of Wastes Code - contaminated packaging**

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

##### **Contaminated packaging**

Completely emptied packages can be recycled. Dispose of waste according to applicable legislation.

### SECTION 14: Transport information

#### **Land transport (ADR/RID)**

##### 14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

##### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### **Inland waterways transport (ADN)**

##### 14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

##### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### **Marine transport (IMDG)**

##### 14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

##### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

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#### Air transport (ICAO-TI/IATA-DGR)

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No information available.

#### 14.7. Maritime transport in bulk according to IMO instruments

not applicable

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 75

Directive 2010/75/EU on industrial emissions: 1.17 % (14.629 g/l)

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

##### National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D): 3 - highly hazardous to water

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

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#### Abbreviations and acronyms

Acute Tox: Acute toxicity  
 Skin Irrit: Skin irritation  
 Eye Irrit: Eye irritation  
 Skin Sens: Skin sensitisation  
 Repr: Reproductive toxicity  
 STOT RE: Specific target organ toxicity - repeated exposure  
 Aquatic Chronic: Chronic aquatic hazard  
 CLP: Classification, labelling and Packaging  
 REACH: Registration, Evaluation and Authorization of Chemicals  
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
 UN: United Nations  
 CAS: Chemical Abstracts Service  
 DNEL: Derived No Effect Level  
 DMEL: Derived Minimal Effect Level  
 PNEC: Predicted No Effect Concentration  
 ATE: Acute toxicity estimate  
 LC50: Lethal concentration, 50%  
 LD50: Lethal dose, 50%  
 LL50: Lethal loading, 50%  
 EL50: Effect loading, 50%  
 EC50: Effective Concentration 50%  
 ErC50: Effective Concentration 50%, growth rate  
 NOEC: No Observed Effect Concentration  
 BCF: Bio-concentration factor  
 PBT: persistent, bioaccumulative, toxic  
 vPvB: very persistent, very bioaccumulative  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route  
 (European Agreement concerning the International Carriage of Dangerous Goods by Road )  
 RID: Regulations concerning the international carriage of dangerous goods by rail  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
 IMDG: International Maritime Code for Dangerous Goods  
 EmS: Emergency Schedules  
 MFAG: Medical First Aid Guide  
 IATA: International Air Transport Association  
 ICAO: International Civil Aviation Organization  
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
 IBC: Intermediate Bulk Container  
 VOC: Volatile Organic Compounds  
 SVHC: Substance of Very High Concern  
 For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

#### Relevant H and EUH statements (number and full text)

|       |                                                                 |
|-------|-----------------------------------------------------------------|
| H302  | Harmful if swallowed.                                           |
| H315  | Causes skin irritation.                                         |
| H317  | May cause an allergic skin reaction.                            |
| H319  | Causes serious eye irritation.                                  |
| H361d | Suspected of damaging the unborn child.                         |
| H372  | Causes damage to organs through prolonged or repeated exposure. |
| H412  | Harmful to aquatic life with long lasting effects.              |

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 3110 paste

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EUH208 Contains Dimethylbis[(1-oxoneodecyl)oxy]stannane. May produce an allergic reaction.  
EUH210 Safety data sheet available on request.

#### Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. 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.

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*