

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### sta-seal f

Revision date: 01.02.2024

Product code: 10310

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

### 1.1. Product identifier

sta-seal f

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

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

Company name: DETAX GmbH  
 Street: Carl-Zeiss-Straße 4  
 Place: D-76275 Ettlingen  
 Telephone: +49 7243/510-0  
 E-mail: post@detax.com  
 Internet: www.detax.com  
 Responsible Department: This number is only obtainable during office hours  
 (Monday - Thursday 8.00 a.m. - 5.00 p.m., Friday 8.00 a.m. - 4.00 p.m.)

Telefax: +49 7243/510-100

### 1.4. Emergency telephone

number:

+1-800-424-9300 (CHEMTREC worldwide)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

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

#### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P273 Avoid release to the environment.  
 P501

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

| CAS No    | Chemical name                                 | EC No   | Index No     | REACH No         | Quantity    |
|-----------|---|---|--------------|------------------|-------------|
|           |   | Classification (Regulation (EC) No 1272/2008) |              |                  |             |
| 8042-47-5 | paraffin oil                                  |   |              |                  | 5 - < 20 %  |
|           |   | 232-455-8                                     |              | 01-2119487078-27 |             |
|           |   | Asp. Tox. 1; H304                             |              |                  |             |
| 1314-13-2 | zinc oxide                                    |   |              |                  | 0.1 - < 5 % |
|           |   | 215-222-5                                     | 030-013-00-7 |                  |             |
|           | Aquatic Acute 1, Aquatic Chronic 1; H400 H410 |   |              |                  |             |

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

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

| CAS No    | EC No     | Chemical name  | Quantity    |
|-----------|-----------|--|-------------|
|           |           | Specific Conc. Limits, M-factors and ATE   |             |
| 8042-47-5 | 232-455-8 | paraffin oil   | 5 - < 20 %  |
|           |           | inhalation: LC50 = >5 mg/l (vapours); dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg |             |
| 1314-13-2 | 215-222-5 | zinc oxide   | 0.1 - < 5 % |
|           |           | oral: LD50 = > 5000 mg/kg  |             |

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### After inhalation

Provide fresh air.

###### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

###### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

###### After ingestion

Rinse mouth immediately and drink plenty of water. Let water be drunken in little sips (dilution effect).

##### 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

Co-ordinate fire-fighting measures to the fire surroundings.

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

Non-flammable. Vapours can form explosive mixtures with air.

##### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

##### Additional information

Use water spray jet to protect personnel and to cool endangered containers. 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

###### General advice

Use personal protection equipment.

##### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

###### Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

##### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

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Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

No special measures are necessary.

#### Advice on protection against fire and explosion

No special fire protection measures are necessary.

#### Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

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

#### Requirements for storage rooms and vessels

Keep container tightly closed.

#### Hints on joint storage

No special measures are necessary.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

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

##### Eye/face protection

Wear eye/face protection.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

NBR (Nitrile rubber)

##### Skin protection

Wear suitable protective clothing.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

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

Physical state: Paste  
Colour: green

|   |                |                    |
|---|----------------|--------------------|
| Melting point/freezing point:                             | not determined | <b>Test method</b> |
| Boiling point or initial boiling point and boiling range: | not determined |                    |
| Flammability:   | not applicable |                    |
|   | not applicable |                    |

|                         |                |
|-------------------------|----------------|
| Lower explosion limits: | not determined |
| Upper explosion limits: | not determined |

|                            |         |           |
|----------------------------|---------|-----------|
| Flash point:               | >100 °C | DIN 51755 |
| Auto-ignition temperature: | >200 °C | DIN 51794 |

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|  |                                  |
|--|----------------------------------|
| Decomposition temperature:             | >250 °C                          |
| pH-Value:                              | not determined                   |
| Water solubility:                      | practically insoluble            |
| Solubility in other solvents           |                                  |
| not determined                         |                                  |
| Partition coefficient n-octanol/water: | not determined                   |
| Vapour pressure:                       | <1 hPa                           |
| (at 20 °C)                             |                                  |
| Density (at 20 °C):                    | 1,38 g/cm <sup>3</sup> DIN 51757 |
| Relative vapour density:               | not determined                   |

### 9.2. Other information

#### Information with regard to physical hazard classes

Self-ignition temperature

Solid:

not applicable

Gas:

not applicable

Oxidizing properties

Not oxidizing.

#### Other safety characteristics

Evaporation rate:

not determined

Solid content:

not determined

Viscosity / dynamic:

3000000 mPa·s BROOKFIELD

(at 23 °C)

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.5. Incompatible materials

No information available.

## SECTION 11: Toxicological information

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

#### Acute toxicity

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

#### ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

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| CAS No    | Chemical name           |               |         |        |        |
|-----------|-------------------------|---------------|---------|--------|--------|
|           | Exposure route          | Dose          | Species | Source | Method |
| 8042-47-5 | paraffin oil            |               |         |        |        |
|           | oral                    | LD50<br>mg/kg | >5000   | Rat    | OECD   |
|           | dermal                  | LD50<br>mg/kg | >2000   | Rabbit | OECD   |
|           | inhalation (4 h) vapour | LC50          | >5 mg/l | Rat    | OECD   |
| 1314-13-2 | zinc oxide              |               |         |        |        |
|           | oral                    | LD50<br>mg/kg | > 5000  | Rat    | IUCLID |

#### Irritation and corrosivity

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

#### Sensitising effects

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

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

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.

## SECTION 12: Ecological information

### 12.1. Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

| CAS No    | Chemical name            |               |           |  |        |        |
|-----------|--------------------------|---------------|-----------|--|--------|--------|
|           | Aquatic toxicity         | Dose          | [h]   [d] | Species                                    | Source | Method |
| 8042-47-5 | paraffin oil             |               |           |  |        |        |
|           | Acute fish toxicity      | LC50<br>mg/l  | >1000     | 96 h<br>Leuciscus idus<br>(golden orfe)    | OECD   |        |
|           | Acute algae toxicity     | ErC50<br>mg/l | >100      | 72 h<br>Pseudokirchneriella<br>subcapitata | OECD   |        |
|           | Acute crustacea toxicity | EC50<br>mg/l  | >100      | 48 h<br>Daphnia magna (Big<br>water flea)  |        |        |
| 1314-13-2 | zinc oxide               |               |           |  |        |        |
|           | Acute fish toxicity      | LC50<br>mg/l  | 1120      | 96 h                                       | GESTIS |        |
|           | Acute algae toxicity     | ErC50<br>mg/l | 0,21      | 72 h<br>Selenastrum<br>capricornutum       | CSR    |        |
|           | Acute crustacea toxicity | EC50<br>mg/l  | 0,67      | 48 h<br>Ceriodaphnia spec                  | CSR    |        |

### 12.2. Persistence and degradability

The product has not been tested.

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| CAS No    | Chemical name  |       |    |        |
|-----------|--|-------|----|--------|
|           | Method   | Value | d  | Source |
|           | Evaluation   |       |    |        |
| 8042-47-5 | paraffin oil   |       |    |        |
|           | OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D                | 31%   | 28 |        |
|           | Not readily biodegradable (according to OECD criteria) |       |    |        |

#### 12.3. Bioaccumulative potential

The product has not been tested.

#### 12.4. Mobility in soil

The product has not been tested.

#### 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 information available.

#### Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

##### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

### 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.

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

##### 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.

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**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.

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

## 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 3

2010/75/EU (VOC): 0,002 % (0,026 g/l)

2004/42/EC (VOC): 0,002 % (0,026 g/l)

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

### 15.2. Chemical safety assessment

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

## SECTION 16: Other information

**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Asp. Tox: Aspiration hazard

Aquatic Acute: Acute aquatic hazard

Aquatic Chronic: Chronic aquatic hazard

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

H304 May be fatal if swallowed and enters airways.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

**Further 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.

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