

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

HDS 400 EO Niromont Flüssig

Revision date: 01.03.2019

Product code: 55

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

HDS 400 EO Niromont Flüssig

Further trade names

Product name: HDS 400 CF

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Cutting oil

1.3. Details of the supplier of the safety data sheet

| | | |
|--------------------------|------------------------|-----------------------------|
| Company name: | Jokisch GmbH | |
| Street: | Industriestraße 5 | |
| Place: | DE-33813 Oerlinghausen | |
| Telephone: | +49(0)5202/9734-0 | Telefax: +49(0)5202/9734-49 |
| e-mail: | info@jokisch-fluids.de | |
| e-mail (Contact person): | MSDS@jokisch-fluids.de | |
| Internet: | www.jokisch-fluids.de | |

1.4. Emergency telephone number:

Giftnotruf Berlin: +49 (0) 30 / 30686 790

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Harmful to aquatic life with long lasting effects.

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 Dispose of contents/container to hazardous waste.

Special labelling of certain mixtures

EUH208 Contains Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts. May produce an allergic reaction.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

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Hazardous components

| CAS No | Chemical name | | | Quantity |
|------------|--|----------|------------------|-------------|
| | EC No | Index No | REACH No | |
| | Classification according to Regulation (EC) No. 1272/2008 [CLP] | | | |
| 64742-65-0 | Hochraffinierte Mineralöle | | | 40 - < 45 % |
| | | | | |
| | Dialkylpolysulfid Polymer | | | 2,5 - < 5 % |
| | | | | |
| | Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts | | | 0,1 - < 1 % |
| | 939-603-7 | | 01-2119978241-36 | |
| | Skin Sens. 1; H317 | | | |
| 25307-17-9 | 2,2'-(Octadec-9-enylimino)bisethanol | | | 0,1 - < 1 % |
| | 246-807-3 | | 01-2119510876-35 | |
| | Acute Tox. 4, Skin Corr. 1B, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1 (M-Factor = 1); H302 H314 H400 H410 | | | |

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

Further Information

The highly refined mineral oil contains <3% (w/w) DMSOextract, according to IP346.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Seek medical attention if problems persist. No administration in cases of unconsciousness or cramps.

After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. In case of swallowing, keep the patient at rest and contact 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**

Water fog. Extinguishing powder. Carbon dioxide. Foam.

Unsuitable extinguishing media

High power water jet.

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8.2. Exposure controls**Protective and hygiene measures**

Use personal protection equipment as per Directive 89/686/EEC.

Eye/face protection

Use glasses or face shield if there is a risk of splashing.

Hand protection

Protect skin by using skin protective cream. Wear protective gloves if advisable under safety aspects.

Wash hands before breaks and after work.

Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, >480 min., thickness 0,9-1 mm; CE-certified acc. EN 374 cat III)

Skin protection

Chemical resistant safety shoes. Take off immediately all contaminated clothing.

Thorough skin-cleansing after handling the product. Set out skin protection guidelines.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|-----------------|----------------|
| Physical state: | liquid |
| Colour: | amber coloured |
| Odour: | characteristic |

| | Test method |
|--|-------------------------------------|
| pH-Value: | not applicable |
| Changes in the physical state | |
| Initial boiling point and boiling range: | not determined |
| Flash point: | >180 °C DIN EN 57 |
| Lower explosion limits: | 0,6 vol. % |
| Upper explosion limits: | 6,5 vol. % |
| Vapour pressure: | not determined |
| Density (at 20 °C): | 0,90 g/cm ³ EN ISO 12185 |
| Viscosity / kinematic: (at 40 °C) | 87 mm ² /s ASTM D 7042 |

9.2. Other information

No information available.

SECTION 10: Stability and reactivity**10.2. Chemical stability**

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

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Protect against: heat.

10.5. Incompatible materials

The following must be prevented: Oxidizing agents, strong. acid.