

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 14.09.2007

Revision: 13.09.2007

1 Identification of substance

- Product details

- Trade name Hoesch Silikonöl 50 CST

- Article number: H1000279610100

- Application of the substance / the preparation basic chemical (without special defined application)

- Manufacturer/Supplier:

Julius Hoesch GmbH & CO KG

Birkesdorfer Straße 5

52353 Düren - Hoven

Tel. 02421/807-0

- Informing department: Abteilung Produktsicherheit

- Emergency information:

Beratungsstelle bei Vergiftungen, Mainz

Tel. 00 49 / 61 31 / 19 240

2 Hazards identification

- Hazard designation: void

- Information pertaining to particular dangers for man and environment

According to data we have to hand this product is no hazardous material according to the spirit of EC directives or the German decree regarding hazardous materials in the latest valid version.

3 Composition/information on ingredients

- Chemical characterization:

- CAS No. Designation:

Polydimethylsiloxan

4 First aid measures

- General advice: No special measures required.

- After inhalation

Provide fresh-air circulation. If symptoms continue, consult a doctor. In case of respiratory failure or breathing irregularities, commence resuscitation or oxygen inhalation and immediately consult a doctor. In case of unconsciousness, place und transport the patient in a recovery position.

- After skin contact

Change out of contaminated, saturated clothing.

Wash skin with water using soap if available. If persistent irritation occurs, obtain medical attention.

- After eye contact

Rinse opened eye for several minutes under running water.

Bei anhaltender Reizung ärztlichen Rat einholen

- After swallowing

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; instantly call for medical help.

5 Fire fighting measures

- Suitable extinguishing agents

Use fire fighting measures that suit the environment.

Carbon dioxide, extinguishing powder, water jet or alcohol-resistant foam.

- For safety reasons unsuitable extinguishing agents Water with a full water jet.

- Protective equipment:

See section 8.

Wear full protective suit with self-contained breathing apparatus.

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- **Additional information** Endangered containers in the surrounding area should be cooled with a water-hose.

6 In case of accidental release

- Person-related safety precautions:

Wear protective equipment. Keep off unprotected persons

Particular danger of slipping on leaked/spilled product.

- **Measures for environmental protection:** Do not allow to enter drainage system, surface or ground water.

- Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to item 13.

- **Additional information:** No dangerous materials are released.

7 Handling and storage

- Handling

- **Information for safe handling:** The usual good standards of industrial hygiene should be maintained.

- **Information about protection against explosions and fires:** No special measures required.

- **Storage** Keep containers tightly closed. Store in cool, dry conditions.

- **Requirements to be met by storerooms and containers:** Keep container tightly closed and dry

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:** None.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with critical values that require monitoring at the workplace:** Not required.

- **Additional information:** The lists that were valid during the compilation were used as basis.

- Personal protective equipment

- General protective and hygienic measures

The usual precautionary measures should be adhered to in handling the chemicals.

Keep away from food, beverages and fodder.

Wash hands during breaks and at the end of the work.

Gases, fumes and aerosols should not be inhaled.

- **Breathing equipment:** Not required.

- **Protection of hands:** Not required.

- Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Safety glasses recommended during refilling.

- **Body protection:** Standard protective working clothes

* 9 Physical and chemical properties:

- General Information

Form:	Fluid
Colour:	Colourless
Smell:	Odourless

- Change in condition

Melting point/Melting range: -45 bis -55°C

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Boiling point/Boiling range:	Not determined
- Flash point:	> 250°C
- Inflammability (solid, gaseous)	Product is not inflammable.
- Ignition temperature:	ca. 450°C
- Danger of explosion:	Product is not approx. potentially explosive.
- Density at 25°C	0.93 - 0.98 g/cm ³ (je nach Viskosität)
- Solubility in / Miscibility with Water:	Insoluble
- pH-value:	not applicable
- Additional information	Viskosität in mPas laut Produktbezeichnung bei 25°C

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
To avoid thermal decomposition do not overheat.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information we have to hand.
The material is not subject to classification according to EC lists in the last version.

12 Ecological information:

- **Information about elimination (persistence and degradability):**
- **Other information:** The product is slightly biodegradable.
- **Ecotoxicological effects:**
- **Remark:**
Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation**
Can be burnt with household garbage after consulting with the operator of the waste disposal facility and the pertinent authorities and under adherence to the necessary technical regulations.
A used product should be recycled or used in other contexts, otherwise be handed over to an appropriate disposal site.

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- Waste disposal key number:

Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.

- Uncleaned packagings: Disposal must be made according to official regulations.

- Recommendation:

After complete emptying and cleaning, send to be reconditioned or recycled.

Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning. Care should be taken that no other materials get into the packaging.

Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.

14 Transport regulations:

- Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)

- ADR/RID-GGVS/E Class: -

- Maritime transport IMDG/GGVSea:

- IMDG/GGVSea Class: -

- Marine pollutant: No

- Air transport ICAO-TI and IATA-DGR:

- ICAO/IATA Class: -

- Transport/Additional information: Not dangerous according to the above specifications.

15 Regulations:

- Designation according to EC guidelines:

The material is not subject to classification according to EC lists and other sources of literature known to us.

The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

Observe the normal safety regulations when handling chemicals

- National regulations**- Water hazard class:**

Water hazard class 1 (self assessment according to German VwVwS (Regulations for water-hazardous substances): slightly hazardous for water.

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing data specification sheet: see item 1: Informing departement

- * Data compared to the previous version altered.