SAFETY DATA SHEET

Product name: SILICONE OIL
Revision Date: 2010-10-19
Document No.: M0143

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name: SILICONE OIL
Application: Lubricant
Supplier: Struers A/S
Pederstrupvej 84
DK-2750 Ballerup
Tel: +45 44 600 800

Emergency telephone: +45 44 600 800
(Only during office hours)

The product contains: organic solvent and polydimethyl siloxanes.

2. HAZARDS IDENTIFICATION

The product is classified: Xn;R65

Human health: Harmful: may cause lung damage if swallowed. May irritate eyes. Prolonged contact may cause redness, irritation and dry skin.

Environment: Oil spills are generally hazardous to the environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains: organic solvent and polydimethyl siloxanes.

67/548/EEC

<table>
<thead>
<tr>
<th>%</th>
<th>CAS-No.</th>
<th>EC No.</th>
<th>Chemical name</th>
<th>Hazard classification</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>5-10</td>
<td>63148-62-9</td>
<td>-</td>
<td>Polydimethylsiloxane</td>
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<tr>
<td>60-100</td>
<td>64771-72-8</td>
<td>265-233-4</td>
<td>Paraffins (petroleum), normal C5-20</td>
<td>Xn;R65</td>
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</tbody>
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4. FIRST-AID MEASURES

Inhalation: Move into fresh air and keep at rest.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring these instructions.

Ingestion: Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions. Do not induce vomiting.
5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Water spray, dry powder or carbon dioxide. Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards:** During fire, gases hazardous to health may be formed.

**Protective measures in fire:** Use air-supplied respirator, gloves and protective goggles.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** For personal protection, see section 8.

**Environmental precautions:** Avoid release to the environment.

**Methods for cleaning up:** Absorb spillage with non-combustible, absorbent material. For waste disposal, see section 13.

7. HANDLING AND STORAGE

**Safe handling advice:** Observe good chemical hygiene practices.

**Technical measures:** Avoid smoking and use of open fire.

**Technical precautions:** None specific.

**Technical measures for safe storage:** Follow rules for flammable liquids.

**Storage conditions:** Store frostfree in closed original container.

8. EXPOSURE CONTROLS/PERSOINAL PROTECTION

**Engineering measures:** Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

**Personal protection:** Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment

**Respiratory equipment:** In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with gas filter (type A2).

**Hand protection:** Risk of splashes: Use protective gloves made of: Nitrile. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

**Eye protection:** Risk of contact: Wear goggles/face shield.

**Skin protection:** No special precautions.

**Environmental Exposure Controls:** Not available.
9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colourless liquid
Odour: of solvents
pH: not available
Boiling point: 180-220°C
Flash point: >61°C
Explosion limits: 0.6-7.0 vol%
Vapour pressure: not available
Relative density: 0.77
Solubility: insoluble in water
Other data: VOC (Volatile Organic Substances): 708 g/l (calculated)

10. STABILITY AND REACTIVITY

Stability: Stable under normal temperature conditions.
Conditions/ materials to avoid: None specific.
Hazardous decomposition products: None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Inhalation: In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.
Skin contact: Prolonged contact may cause redness, irritation and dry skin.
Eye contact: May irritate and cause redness and pain.
Ingestion: May irritate and cause malaise. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Specific effects: Frequent inhalation of even small concentrations may cause irritability, fatigue and memory failure and eventually permanent damage to the nervous system, including the brain.

12. ECOLOGICAL INFORMATION

Mobility: The product is insoluble in water.
Degradability: The degradability of the product has not been stated.
Ecotoxicity: The ecotoxicity of the product has not been stated. Oil spills are generally hazardous to the environment. (*)
Bioaccumulative potential: No data available on bioaccumulation.
Other adverse effects: None known.
13. DISPOSAL CONSIDERATIONS

Dispose of waste and residues in accordance with local authority requirements. Waste is classified as hazardous waste.

Waste from residues: EWC-code: 16 05 08

14. TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15. REGULATORY INFORMATION

Labelling:
Contains: Paraffins (petroleum), normal C5-20

R65 Harmful: may cause lung damage if swallowed.
S60 This material and its container must be disposed of as hazardous waste.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
16. OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The following sections contain revisions or new statements: 12
The (*) indicates the changes made with respect to the previous version.
Approved by DHI.

Worded of Risk Phrases:

R65 Harmful: may cause lung damage if swallowed.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by DHI - Centre for Environment and Toxicology, Agern Allé 5, DK-2970 Hørsholm, Denmark.