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

Product name : Silicone oil
Product number : MD2-04
Company : Molecular Dimensions Limited
Willie Snaith Road
Newmarket
Suffolk
CB8 7SQ
Telephone : 01638 561051
Fax : 01638 660674
Email address : enquiries@moleculardimensions.com

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment
Flammable liquid & vapour

3. COMPOSITION/INFORMATION ON INGREDIENTS.

Synonyms : Polydimethylsiloxane, 200 fluid 5cS

<table>
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<tr>
<th>Reagent</th>
<th>CAS-No.</th>
<th>EC-No.</th>
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<tbody>
<tr>
<td>Silicone oil 200/1cS</td>
<td>107-51-7</td>
<td>203-497-4</td>
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4. FIRST AID MEASURES

If inhaled
Move to fresh air. If not breathing, give artificial respiration. Consult a doctor if irritation persists
In case of skin contact
Take off contaminated clothing & shoes. Wash with soap & water. Consult a doctor if irritation persists
In case of eye contact
Rinse thoroughly for at least 15 minutes. Consult a doctor.
If swallowed
Do NOT induce vomiting. Rinse mouth with water. Consult doctor. Give nothing to eat or drink.

5. FIRE-FIGHTING METHODS

Special risks
Flammable. May evolve toxic fumes in fire.
Suitable extinguishing media
Use carbon dioxide or dry sand cement.
Special protective equipment for fire-fighters
Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Avoid breathing vapours. Remove all sources of ignition.
Environmental precautions
Do not let product enter drains.
Methods for cleaning up
Absorb on an inert absorbent. Transfer to a suitable container for disposal.

7. HANDLING AND STORAGE

Handling
Do not breathe vapour. Change contaminated clothing. Wash hands after working with substance. Do not empty into drains.
Storage
Store at room temperature. Keep well closed and protected from direct sunlight and moisture.
Contains no substances with occupational exposure limit values.

**Personal protective equipment**

**Respiratory protection**
Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection**
Wear protective gloves.

**Eye protection**
Safety glasses.

**Hygiene measures**
General industrial hygiene practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**
Form: liquid

**Safety data**
- Melting point: no data available
- Boiling point: 152°C
- Density (g/ml): 0.816
- Water solubility: Immiscible or insoluble
- Flash point: 34°C
- Viscosity: 1 cSt

**10. STABILITY AND REACTIVITY**

**Storage stability**
Stable under recommended storage conditions.

**Materials to avoid**
Strong oxidizing agents.

**Hazardous decomposition products**
May emit carbon oxides and nitrogen oxides under fire conditions

**11. TOXICOLOGICAL INFORMATION**

Hazardous properties are relatively improbable.

**IARC:**
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed

**Potential health effects**
- **Skin:** Degreasing effect on the skin, possibly followed by secondary inflammation.
- **Eyes:** May cause eye irritation.
- **Ingestion:** Laxative.

**12. ECOLOGICAL INFORMATION**

**Elimination information (persistence and degradability)**
Substance floats on surface of water. Biological degradability: moderate.

**Ecotoxicity effects**
No data available.

**Further information on ecology**
No data available.

**13. DISPOSAL CONSIDERATIONS**

**Product**
Observe all EU and local environmental regulations.

**Contaminated packaging**
Dispose of as used product.

**14. TRANSPORT INFORMATION**

**ADR/RID**
Not dangerous goods.

**IMDG**
Not dangerous goods.

**IATA**
Not dangerous goods.

**15. REGULATORY INFORMATION**

**Labelling according to EC Directives**
The product does not need to be labelled in accordance with EC directives or respective national laws.
16. OTHER INFORMATION

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Molecular Dimensions Ltd., shall not be held liable for any damage resulting from handling or from contact with the above product.
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