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

Product name : Paraffin Oil
Product number : MD2-03
Company : Molecular Dimensions Limited
Unit 6 Goodwin Business Park
Willie Snaith Road
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Suffolk
CB8 7SQ
Telephone : 01638 561051
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Email address : enquiries@moleculardimensions.com

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment
Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

3. COMPOSITION/INFORMATION ON INGREDIENTS.

Synonyms : Paraffin Liquid

<table>
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<tr>
<th>Reagent</th>
<th>CAS-No.</th>
<th>EC-No.</th>
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<tr>
<td>Paraffin liquid colourless</td>
<td>8012-95-1</td>
<td>232-384-2</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. Flush with water, then 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. Seek immediate medical attention.

5. FIRE-FIGHTING METHODS

Special Risks
Combustible. Substance floats on surface of water.

Suitable extinguishing media
Foam, dry powder, carbon dioxide or vaporising liquids.

Special protective equipment for fire-fighters
Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Use personal protective equipment. Avoid breathing vapours.

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
Change contaminated clothing.

Storage
Store at room temperature. Keep well closed and protected from direct sunlight and moisture.
8. EXPOSURE CONTROL/PERSONAL PROTECTION

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 nitrile gloves.
Eye protection
Safety glasses.
Hygiene measures
General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Form liquid

Safety data
pH no data available
Melting point no data available
Boiling point 300-500°C
Flash point >200°C
Density (g/ml) 0.86
Solubility in water Practically insoluble
Other solubility data Chloroform miscible in all proportions
Viscosity ~110-230 mPas (20°C)

10. STABILITY AND REACTIVITY

Storage stability
Stable under recommended storage conditions.

Materials to avoid
Strong oxidizing agents.

Hazardous decomposition products
Toxic gas may be formed under fire conditions.

11. TOXICOLOGICAL INFORMATION

Not classified as dangerous according to EC directives.

Acute toxicity
LD50 Oral - rat >5000 mg/kg

Oxidation and corrosion
No data available.

Sensitisation
No data available.

Chronic exposure
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)
No data available.

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 unused 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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