

Material Safety Data Sheet

Document no: MSDS-01

Product: **Liquid Paraffin** **Page 1 / 2**

Date first created: 2006/06/01

Version 5

Date revised: 2012/02/20

1. Identification of Substance/Preparation and of the Company

Product name:	Liquid Paraffin	Manufacturer:	ORIGIO a/s
Cat. No.:	1010		Knardrupvej 2
Product use:	Liquid Paraffin is used as oil overlay for culture media during IVF and ICSI procedures.		DK-2760 Måløv +45 46 79 02 00

2. Composition / Information on Ingredients

Component	CAS#	EC No	Approx. %
Light mineral oil*	8042-47-5	232-455-8	100
*prewashed with a physiological salt buffer containing human serum albumin (HSA)			

3. Hazard Identification

The product has been classified as non-hazardous in accordance with Annex VI to Directive 67/548/EEC. In accordance with the Directive the product has not been classified as flammable due to its relatively high flash point ($>182^{\circ}\text{C}$).

4. First-Aid Measures

Inhalation:	Remove to fresh air. If breathing becomes difficult, consult a physician.
Ingestion:	Wash out mouth with water. If swallowed consult a physician.
Skin:	Wash with soap and plenty of water. If irritation develops, consult a physician
Eyes:	Flush with copious amounts of water. Assure adequate flushing by separating the eyelids with fingers. If irritation develops, consult a physician.

Other information: Aspiration of mineral oil mist may cause lipoid pneumonia.

5. Fire Fighting Measures

Extinguishing media:	Dry chemical, foam, carbon dioxide. Do not use water spray as this will scatter the fire.
Special fire fighting procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific hazards:	Fire will produce dense black smoke containing hazardous combustion products

6. Accidental Release Measures

Ensure adequate ventilation. Absorb on suitable absorbent, such as paper tissue. Wash spill site after material pickup is complete with detergent and water.

7. Handling and Storage

Store in original container at $2-8^{\circ}\text{C}$, protected from light and oxidizing agents.

8. Exposure Controls/Personal Protection

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

9. Physiological and Chemical properties

Appearance: A clear, colourless liquid

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Odour:	Odourless
Boiling point:	N/A
Vapour Pressure:	N/A
Specific Gravity:	N/A
Vapour Density:	N/A
Melting Point:	N/A
Solubility H ₂ O:	Insoluble
Evaporation Rate:	N/A
Flash Point:	>182°C
Flammable Limits:	N/A

10. Stability and Reactivity

Stability:	Stable
Conditions to avoid:	Avoid excessive heat and open flames.
Incompatibility:	Avoid oxidizing agents
Hazardous Decomposition or by-products:	Stable at room temperature
Hazardous polymerisation:	Will not occur

11. Toxicological Information

Acute toxicity:	May cause eye or skin irritation with susceptible persons. If aerosols are generated, inhalation may lead to oedemas in the respiratory tract.
Long term toxicity:	Eye and skin irritation.

12. Ecological Information

Prevent product from entering sewage system.

Biological effects: LL50>1000 mg/l

13. Disposal Considerations

Dispose of as medical waste.

14. Transportation Information

Classified as non-hazardous for transport.

15. Regulatory Information

The product has been evaluated in accordance with EU Directive 67/548/EEC. The product has been classified as non-hazardous.

16. Other Information

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must take independent determinations of the suitability and completeness of information from all other sources to assure proper use and disposal of these materials and the safety and health of employees and customers. ORIGIO a/s shall not be held liable for any damage resulting from handling or from contact with its products.

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