

Material Safety Data Sheet

Document no: MSDS-24

Product: **Sperm Freezing Medium** **Page 1 / 3**

Date first created: 2006/09/06 **Version 4** **Date revised: 2010/08/26**

1. Identification of Substance/Preparation and of the Company

Product name:	Sperm Freezing Medium	Manufacturer:	ORIGIO a/s
Cat. No.:	1067		Knardrupvej 2
Product use:	For the cryopreservation of human spermatozoa and tissue from testicular biopsies.		DK-2760 Måløv +45 46 79 02 00

2. Composition / Information on Ingredients

Component	CAS#	Approx. %
Water		>75
Glycerol	56-81-5	<20
Sucrose	57-50-1	<2
Glycine	56-40-6	<2
Sodium Chloride	7647-14-5	<1
Hepes free acid	7365-45-9	<1
Human Serum Albumin		<1
Sodium Bicarbonate	144-55-8	<1
Sodium lactate	867-56-1	<1
Glucose	50-99-7	<1
Calcium Chloride	10035-04-08	<0.1
Potassium Chloride	7447-40-7	<0.1
Magnesium Chloride	7791-18-6	<0.1
Sodium Phosphate	7558-80-7	<0.01
SSR® (Synthetic Serum Replacement)*		<0.01
Gentamicin Sulphate	1405-41-0	<0.01

* Contains Human Insulin recombinant.

3. Hazard Identification

The product is not classified as hazardous according to EU Directive 67/548/EEC.

4. First-Aid Measures

Inhalation:	Remove to fresh air.
Ingestion:	Wash out mouth with copious amounts of water provided person is conscious. Consult a physician.
Skin:	Wash with soap and water after each contact.
Eyes:	Flush with copious amounts of water. Assure adequate flushing by separating the eyelids with fingers. If irritation occurs, call a physician.

5. Fire Fighting Measures

Fire:	Not considered to be a fire hazard.
Extinguishing media:	Dry chemical, foam, carbon dioxide or water spray.
Special fire fighting procedure:	Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Ensure adequate ventilation. Absorb on sand or vermiculite and place in closed container for disposal. Prevent product from entering sewage system.

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7. Handling and Storage

Store in original container at 2-8°C, protected from light. Do not freeze prior to use.

8. Exposure Controls/Personal Protection

Ensure adequate ventilation. Avoid contact with skin and eyes. Wear rubber gloves.

9. Physiological and Chemical properties

Appearance:	A clear, colourless liquid
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:	Complete
Evaporation Rate:	N/A
Flash Point:	None

10. Stability and Reactivity

Stability:	Stable
Conditions to avoid:	Avoid oxidizing agents
Hazardous Decomposition or by-products:	None known
Hazardous polymerisation:	Not expected to occur

11. Toxicological Information

No information available.

12. Ecological Information

No known ecological damage.

13. Disposal Considerations

Disposal must be according to applicable federal, state, or local regulations.

14. Transportation Information

Not classified as hazardous for transport.

15. Regulatory Information

The product has been evaluated in accordance with EU Directive 67/548/EEC. The product has not been classified as hazardous.

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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. MediCult a/s shall not be held liable for any damage resulting from handling or from contact with its products.

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