

Material Safety Data Sheet

Document no: MSDS-18

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

Date first created: 2006/06/12 **Version 5** **Date revised: 2010/08/25**

1. Identification of Substance/Preparation and of the Company

Product name:	Sperm Preparation Medium with and without Phenol Red	Manufacturer:	ORIGIO a/s Knardrupvej 2
Cat. No.:	1070/1069		DK-2760 Måløv
Product use:	For washing and isolation of viable sperm		+45 46 79 02 00

2. Composition / Information on Ingredients

Component	CAS#	Approx. %
Water		>90
Sodium Chloride	7647-14-7	<1
Human Serum Albumin		<1
Hepes Free Acid	7365-45-9	<1
Sodium Bicarbonate	144-55-8	<1
Glucose	50-99-7	<0.1
Potassium Chloride	7447-40-7	<0.1
Calcium Chloride	10043-52-4	<0.1
Sodium Phosphate monobasic	10049-21-5	<0.1
Hepes Sodium Salt	75277-39-3	<0.1
Magnesium Sulphate	7487-88-9	<0.01
Sodium Pyruvate	113-24-6	<0.01
SSR® (Synthetic Serum Replacement)*		<0.01
Gentamicin Sulphate	1405-41-0	<0.01
Phenol Red	34487-61-1	<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:	Not a likely source of exposure.
Ingestion:	Wash out mouth with water. If swallowed 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, consult a physician.

5. Fire Fighting Measures

Fire:	Not considered to be a fire hazard.
Extinguishing media:	Dry chemical, foam, carbon dioxide or water spray.

6. Accidental Release Measures

Absorb on sand or vermiculite and place in appropriate containers for removal and disposal.

7. Handling and Storage

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

8. Exposure Controls/Personal Protection

Avoid contact with skin and eyes. Wear rubber gloves.

9. Physiological and Chemical properties

Appearance:	A clear, colourless liquid (1070)/ A clear red liquid (1069).
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:	Soluble
Evaporation Rate:	N/A
Flash Point:	None

10. Stability and Reactivity

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

11. Toxicological Information

No information available.

12. Ecological Information

No ecological information available.

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.

16. Other Information

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