

Safety Data Sheet

Document no: SDS-30

Product: **CryoSperm™** **Page 1 / 2**
Date first created: 2006/11/22 **Version 6** **Date revised: 2017/10/12**

1. Identification of Substance/Preparation and of the Company

| | | | |
|---------------|---|---------------|----------------------------------|
| Product name: | CryoSperm™ | Manufacturer: | ORIGIO a/s |
| Cat. No.: | 1101 | | Knardrupvej 2 |
| Product use: | For the cryopreservation of human spermatozoa | | DK-2760 Måløv +45 46 79 02 00 |

2. Hazard Identification

The product is classified as non-hazardous according to CLP Regulation (EC) No 1272/2008.

3. Composition / Information on Ingredients

| Component | CAS# | Approx. % |
|----------------------------|------------|-----------|
| Water | | >75 |
| Glycerol | 56-81-5 | <20 |
| Raffinose | 17629-30-0 | <5 |
| Amino Acids | | <2 |
| Sodium Chloride | 7647-14-5 | <1 |
| HEPES Free Acid | 7365-45-9 | <1 |
| Sodium Bicarbonate | 144-55-8 | <1 |
| Sodium Lactate | 867-56-1 | <1 |
| Glucose | 50-99-7 | <0.1 |
| Potassium Chloride | 7447-40-7 | <0.1 |
| Sodium Phosphate monobasic | 7558-80-7 | <0.1 |
| Magnesium Sulphate | 7487-88-9 | <0.01 |
| Sodium Pyruvate | 113-24-6 | <0.01 |
| Gentamicin Sulphate | 1405-41-0 | <0.01 |

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 develops, 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 suitable absorbent, such as paper tissue.

7. Handling and Storage

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

ORIGIO a/s

Knardrupvej 2, 2760 Måløv, Denmark Tel.: +45 4679 0200 Fax: +45 4679 0300
 Customer Service Tel.: +45 4679 0202 Fax: +45 4679 0302 Web: www.origio.com Mail: origio@origio.com
 QI 3.14.01.17, annex 1, v. 05

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8. Exposure Controls/Personal Protection

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

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: | Soluble |
| 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

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 CLP Regulation (EC) No 1272/2008. 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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