

Material Safety Data Sheet

Document no: MSDS-34

Product: **MediCult Vitrification Warming** **Page 1 / 3**

Date first created: 2010/03/18 **Version 2** **Date revised: 2010.09.01**

1. Identification of Substance/Preparation and of the Company

| | | | |
|---------------|---|---------------|----------------------------------|
| Product name: | MediCult Vitrification Warming | Manufacturer: | ORIGIO a/s |
| Cat. No.: | 1229 | | Knardrupvej 2 |
| Product use: | For thawing of human oocytes and embryos frozen by using MediCult Vitrification Freeze. | | DK-2760 Måløv +45 46 79 02 00 |

2. Composition / Information on Ingredients

| Component | CAS# | Approx. % |
|---------------------------------|------------|-----------|
| Water | | >50 |
| Sucrose (Except Washing Medium) | 50-99-7 | <35 |
| Human Serum Albumin | | <2 |
| Sodium Chloride | 7647-14-5 | <1 |
| L-glutamine | 56-85-9 | <1 |
| Hepes free acid | 7365-45-9 | <1 |
| Sodium Lactate | 113-24-6 | <1 |
| Sodium Bicarbonate | 144-55-8 | <0.1 |
| Potassium Chloride | 7447-40-7 | <0.1 |
| Calcium Chloride | 10043-52-4 | <0.1 |
| Glucose | 50-99-7 | <0.1 |
| Potassium Phosphate | 7778-77-0 | <0.01 |
| Magnesium Phosphate | 7487-88-9 | <0.01 |
| Sodium Pyruvate | 113-24-6 | <0.01 |
| Gentamicin sulphate | 1405-41-0 | <0.01 |

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, 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

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

7. Handling and Storage

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

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8. Exposure Controls/Personal Protection

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: | 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 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.

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

ORIGIO a/s

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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.