

Material Safety Data Sheet

Document no: MSDS-23

Product: EmbryoAssist™ **Page 1 / 3**

Date first created: 2006/07/18 **Version 4** **Date revised:** 2010/08/19

1. Identification of Substance/Preparation and of the Company

| | | | |
|---------------|----------------------------------------------------------------|---------------|----------------------------------|
| Product name: | EmbryoAssist™ | Manufacturer: | ORIGIO a/s |
| Cat. No.: | 1214/1213 | | Knardrupvej 2 |
| Product use: | For fertilisation and culture of embryos until 2-8 cell stage. | | DK-2760 Måløv +45 46 79 02 00 |

2. Composition / Information on Ingredients

| Component | CAS# | Approx. % |
|-------------------------------------|------------|-----------|
| Water | | >95 |
| Sodium Bicarbonate | 144-55-8 | <1 |
| Human Serum Albumin | | <1 |
| Sodium Chloride | 7647-14-5 | <1 |
| Amino Acids | | <0.1 |
| Hepes Acid | 7365-45-9 | <0.1 |
| Calcium Lactate | 41372-22-9 | <0.1 |
| Potassium Sulphate | 7778-80-5 | <0.1 |
| Sodium phosphate | 7558-80-7 | <0.1 |
| Vitamins | | <0.01 |
| Glucose | 50-99-7 | <0.01 |
| Sodium Pyruvate | 113-24-6 | <0.01 |
| Magnesium Sulphate | 7487-88-9 | <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, 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. |

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, red liquid (1214)/clear, colourless liquid (1213) |
| 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

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