

# Material Safety Data Sheet

Document no: MSDS-38

**Product:** EmbryoGen® **Page 1 /3**

**Date first created:** 2012/01/19 **Version 1** **Date revised:** NA

## 1. Identification of Substance/Preparation and of the Company

Product name:	EmbryoGen®	Manufacturer:	ORIGIO a/s
Cat. No.:	1203		Knardrupvej 2
Product use:	For fertilisation and culture of embryos until 2-8 cell stage. EmbryoGen® may also be used for embryo transfer.		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
GM-CSF (Sagramostim)	123774-72-1	0.000002
*Contains Human Insulin recombinant.		

## 3. Hazard Identification

The product is classified as non-hazardous according to EU Directive 67/548/EEC.

## 4. First-Aid Measures

<b>Inhalation:</b>	Not a likely source of exposure.
<b>Ingestion:</b>	Wash out mouth with water. If swallowed consult a physician.
<b>Skin:</b>	Wash with soap and water after each contact.
<b>Eyes:</b>	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

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

## 6. Accidental Release Measures

Absorb on suitable absorbent, such as paper tissue.

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## 7. Handling and Storage

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. Wash thoroughly after handling.

## 9. Physiological and Chemical properties

Appearance:	A clear, colourless liquid (1203)
Odour:	Odourless
Boiling point:	N/A
Vapour Pressure:	N/A
Specific Gravity:	N/A
Vapour Density:	N/A
Melting Point:	N/A
Solubility H <sub>2</sub> 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:	NA

## 11. Toxicological Information

The product has been tested in cytotoxicity test, Skin Sensitisation test and Vaginal Irritation test according to EN/ISO 10993. There was no evidence of cytotoxicity or skin sensitisation and the irritation test classified the product as a non-irritant.

## 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 EU Directive 67/548/EEC. The product has been classified as non-hazardous.

**ORIGIO a/s**

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

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