

Material Safety Data Sheet

Document no: MSDS-44

Product: SAGE 1-Step™ with HSA Page 1/3
Date first created: 2014/01/12 **Version 2** **Date revised: 2014/05/21**

1. Identification of Substance/Mixture and of the Company

Product name:	SAGE 1-Step™ With HSA	Manufacturer:	ORIGIO a/s Knardrupvej 2
Cat. No.:	6701		DK- 2760 Måløv
Product use:	This product is intended for the <i>in vitro</i> culture of human gametes and embryos from fertilisation until Day 5/6 of development. The medium can also be used for embryo transfer.		+45 46 79 02 00

2. Hazard Identification

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

3. Composition / Information on Ingredients

Component	CAS#	Approx. %
Water		>90
Sodium Chloride	7647-14-5	<1
Human Serum Albumin	70024-90-7	<1
Sodium Bicarbonate	144-55-8	<1
Glucose	50-99-7	<0.1
Potassium Chloride	7447-40-7	<0.1
Potassium Phosphate monobasic	7778-77-0	<0.1
Magnesium Sulphate	10034-99-8	<0.1
Sodium Pyruvate	113-24-6	<0.1
Calcium Lactate pentahydrate	5743-47-5	<0.1
Sodium hyaluronate	9067-32-7	<0.1
EDTA	6381-92-6	<0.01
Amino Acids		<0.01
Gentamicin Sulphate	1405-41-0	<0.01
Phenol Red	34487-61-1	<0.01
Hydrogen chloride	7647-01-0	<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.

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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. 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, red 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:	None known
Hazardous Decomposition or by-products:	None known
Hazardous polymerisation:	Not expected to occur

11. Toxicological Information

The product has been tested in biocompatibility tests, Mouse Embryo Assay (MEA) and Sperm Survival Test (SST). There was no evidence of cytotoxicity.

12. Ecological Information

No ecological information available.

13. Disposal Considerations

Dispose of as medical waste.

14. Transportation Information

Classified as non-hazardous for transport.

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15. Regulatory Information

The product has been evaluated in accordance with EU Directive 67/548/EEC. 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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