

Safety Data Sheet

Document no: SDS-54

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Date first created: 2018/10/09

Version 1

Date revised: N/A

1. Identification of Substance/Mixture and of the Company

Product name: Cat. No.: Product use:	ORIGIO® Handling With and without Phenol red 8310/8311 ORIGIO® Handling™ is intended for <i>in vitro</i> procedures involving handling and micromanipulation of gametes and embryos outside the CO2 incubator. Indication includes oocyte retrieval including follicle flushing, gamete (oocyte/sperm) and embryo washing, and micromanipulation procedures including Intra Cytoplasmic Sperm Injection (ICSI), assisted hatching and trophectoderm biopsy.	Manufacturer: ORIGIO a/s Knardrupvej 2 2760 Måløv Denmark +45 46 79 02 00
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2. Hazard Identification

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

3. Composition / Information on Ingredients

ORIGIO a/s

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Customer Service Tel.: +45 4679 0202 Fax: +45 4679 0302 Web: www.origio.com Mail: origio@origio.com

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Component	CAS#	Approx. %
Water		>90
Sodium chloride	7647-14-5	<1
L-Asparagine monohydrate	5794-13-8	<0,01
L-Aspartic Acid	56-84-8	<0,01
L-Glutamic Acid	56-86-0	<0,01
L-Alanine	56-41-7	<0,001
L-Proline	147-85-3	<0,01
L-Serine	56-45-1	<0,01
Glycine	56-40-6	<0,1
Taurine	107-35-7	<0,01
Calcium Chloride Dihydrate	10035-04-8	<0,1
Calcium L-lactate pentahydrate	5743-47-5	<0,1
Magnesium sulfate heptahydrate	10034-99-8	<0,1
Potassium Chloride	7447-40-7	<0,1
Tri-Sodium citrate dihydrate	6132-04-3	<0,001
D-(+)-Glucose	50-99-7	<0,01
Sodium Dihydrogen Phosphate	13472-35-0	<0,01
Pyruvic Acid Sodium Salt	113-24-6	<0,01
Ultraglutamine	39537-23-0	<1
Sodium Bicarbonate	144-55-8	<0,1
Hepes Sodium Salt	75277-39-3	<1
MOPS free Acid	1132-61-2	<1
Ca-Pantothenate	137-08-6	<0,01
Folic acid	59-30-3	<0,01
Gentamicin sulphate	1405-41-0	<0,01
Human serum albumin		<1
Phenol red	34487-61-1	<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. Do not freeze.

8. Exposure Controls/Personal Protection

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

9. Physiological and Chemical properties

Appearance:	A clear, colourless liquid (8310)/ A clear red liquid (8311).
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)), Direct cytotoxicity, Local Lymph Node Assay (LLNA) and Vaginal Irritation test. There was no evidence of MEA/SST toxicity, cytotoxicity, local lymph node sensitivity nor irritation classifying the product as non-toxic, non-sensitization and non-irritant.

12. Ecological Information

No ecological information available.

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

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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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