

# Material Safety Data Sheet

Document no: MSDS-32

**Product:** MediCult IVM<sup>®</sup> System Page 1 / 3

**Date first created:** 2006/12/18  
2010/08/26

**Version** 3

**Date revised:**

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

Product name:	MediCult IVM <sup>®</sup> System	Manufacturer:	ORIGIO a/s
Cat. No.:	8221		Knardrupvej 2
Product use:	For preincubation and maturing of immature oocytes.		DK-2760 Måløv +45 46 79 02 00

## 2. Composition / Information on Ingredients

Component	CAS#	Approx. %
<b>LAG Medium:</b>		
Water		>90
Sodium Chloride	7647-14-5	<1
Human Serum Albumin		<1
Sodium Bicarbonate	144-55-8	<1
Glucose	50-99-7	<0.1
Potassium Chloride	7447-40-7	<0.1
Calcium Chloride	10043-52-4	<0.1
Sodium Phosphate monobasic	10049-21-5	<0.1
Magnesium Sulphate	7487-88-9	<0.1
Sodium Pyruvate	113-24-6	<0.1
SSR <sup>®</sup> (Synthetic Serum Replacement)*		<0.01
Gentamicin Sulphate	1405-41-0	0.001
Phenol Red	34487-61-1	<0.001
<b>IVM<sup>®</sup> Medium:</b>		
Water		>90
Sodium Chloride	7647-14-7	<1
Sodium Bicarbonate	144-55-8	<1
Amino Acids		<0.1
Glucose	50-99-7	<0.1
Potassium Chloride	7447-40-7	<0.1
Calcium Chloride	10043-52-4	<0.1
Sodium Phosphate monobasic	10049-21-5	<0.1
Nucleotides		<0.01
Magnesium Sulphate	7487-88-9	<0.01
Sodium Pyruvate	113-24-6	<0.01
Sodium Acetate	127-09-3	<0.01
Cholesterol	57-88-5	<0.01
Iron(III) nitrate	7782-61-8	<0.01
Vitamins		<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.

**ORIGIO a/s**

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## 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, 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 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.

## 8. Exposure Controls/Personal Protection

Avoid contact with skin and eyes. Wear rubber gloves.

## 9. Physiological and Chemical properties

**Appearance:** 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<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:** Not expected to occur

## 11. Toxicological Information

No information available.

### ORIGIO a/s

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**12. Ecological Information**

No ecological information available.

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**13. Disposal Considerations**

Disposal must be according to applicable federal, state, or local regulations

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**14. Transportation Information**

Not classified as 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 not been classified as hazardous.

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