

**Material Safety Data Sheet**  
Document no: MSDS-12

**Product:** ISM2™ Page 1 / 3

**Date first created: 06/07/10** **Version 1** **Date revised:**

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

Product name:	ISM2™ with/without Phenol Red	Manufacturer:	MediCult a/s
Cat.nr:	1051/1151		Møllehaven 12
Product use:	For culture of embryos from day 3.		DK-4040 Jyllinge +45 46 79 02 00

**2. Composition / Information on Ingredients**

Component	CAS#	Approx. %
Water		>80
Glucose	492-62-6	<1
Human Serum Albumin		<1
Sodium Bicarbonate	144-55-8	<1
Sodium Chloride	7647-14-5	<1
Vitamins		<1
Amino Acids		<1
Calcium Chloride	10043-52-4	<1
Magnesium Sulphate	7487-88-9	<1
Potassium Chloride	7447-40-7	<0.1
Sodium Pyruvate	113-24-6	<0.1
Sodium Citrate	6132-04-3	<0.01
Potassium Phosphate	7778-77-0	<0.01
Sodium Acetate	127-09-3	<0.01
Penicillin Sodium Salt	3810-74-0	<0.01
Streptomycine Sulfate Salt	69-57-8	<0.01
Human Insulin recombinant	11061-68-0	<0.01
Phenol Red	34487-61-1	0.001

**3. Hazard Identification**

The product is not classified as 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 occurs, call 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.
<b>Special fire fighting procedure:</b>	Wear self-contained breathing apparatus and full protective clothing.

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CVR No. 10 97 50 77 • ISO 9001 & EN 13485 certified

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### 6. Accidental Release Measures

Absorb on sand or vermiculite and place in appropriate containers for removal and disposal.

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### 7. Handling and Storage

Store in original container at 2-8°C, protected from light. Do not freeze.

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### 8. Exposure Controls/Personal Protection

Avoid contact with skin and eyes. Wear rubber gloves.

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### 9. Physiological and Chemical properties

Appearance:	A clear, red liquid (1051)/clear, colourless liquid (1151)
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:	Complete
Evaporation Rate:	N/A
Flash Point:	None

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### 10. Stability and Reactivity

Stability:	Stable
Conditions to avoid:	None known
Hazardous Decomposition or by-products:	None known
Hazardous polymerisation:	Not expected to occur

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### 11. Toxicological Information

No information available.

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### 12. Ecological Information

No known ecological damage.

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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

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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.

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