

# Material Safety Data Sheet

Document no: MSDS-15

**Product:** **SupraSperm® 100** **Page 1 / 3**

**Date first created: 2006/07/11** **Version 5** **Date revised: 2010/08/31**

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

Product name:	SupraSperm® 100	Manufacturer:	ORIGIO a/s
Cat. No:	1097		Knardrupvej 2
Product use:	For isolation of viable spermatozoa by the density gradient method.		DK-2760 Måløv +45 46 79 02 00

## 2. Composition / Information on Ingredients

Component	CAS#	Approx. %
Colloidal-silica particles coated with silane		<90
Water		<10
Hepes Free Acid	7365-45-9	<3
Sodium Chloride	7647-14-5	<1
Potassium Chloride	7447-40-7	<0.1
Glucose	14431-43-7	<0.1
Sodium Lactate	72-17-3	<0.1
Sodium Bicarbonate	144-55-8	<0.1
Calcium Chloride	10035-04-8	<0.1
Potassium Phosphate	7778-77-0	<0.01
Magnesium Sulphate	10034-99-8	<0.01
Sodium Pyruvate	113-24-6	<0.01
EDTA	60-00-4	<0.01

## 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, 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 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 and oxidizing agents. Do not freeze.

**ORIGIO a/s**

Knardrupvej 2 DK-2760 Måløv Denmark Tel.: +45 4679 0200 Fax: +45 4679 0300  
Customer Service Tel.: +45 4679 0202 Fax: +45 4679 0302 Web: [www.origio.com](http://www.origio.com) Mail: [origio@origio.com](mailto:origio@origio.com)

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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 colourless 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:	Complete
Evaporation Rate:	N/A
Flash Point:	None

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### 10. Stability and Reactivity

Stability:	Stable
Conditions to avoid:	Avoid oxidizing agents
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

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.

#### ORIGIO a/s

Knardrupvej 2 DK-2760 Måløv Denmark Tel.:+45 4679 0200 Fax:+45 4679 0300  
Customer Service Tel.: +45 4679 0202 Fax:+45 4679 0302 Web:[www.origio.com](http://www.origio.com) Mail:[origio@origio.com](mailto:origio@origio.com)