

## Safety Data Sheet

Document no: SDS-35

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**Product:** BlastAssist® System **Page 1 / 3**
**Date first created:** 2007/04/10 **Version 6** **Date revised:** 2016/04/29

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

Product name:	BlastAssist® System	Manufacturer:	ORIGIO a/s
Cat. No:	1039/1040		Knardrupvej 2
Product use:	For culture from the 4-8 cell stage through to the blastocyst stage. Medium 2 can also be used for embryo transfer.		DK-2760 Måløv +45 46 79 02 00

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### 2. Hazard Identification

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

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### 3. Composition / Information on Ingredients

Component	CAS#	Approx. %
<b>Medium 1:</b>		
Water		>95
Sodium Bicarbonate	144-55-8	<1
Human Serum Albumin		<1
Sodium Chloride	7647-14-5	<1
Amino Acids		<1
HEPES Acid	7365-45-9	<0.1
Calcium Lactate	41372-22-9	<0.1
Potassium Sulphate	7778-80-5	<0.1
Sodium Phosphate monobasic	7558-80-7	<0.1
Glucose	50-99-7	<0.01
Magnesium sulphate	7487-88-9	<0.01
Sodium Pyruvate	113-24-6	<0.01
SSR® (Synthetic Serum Replacement)*		<0.01
Gentamicin Sulphate	1405-41-0	<0.01
Phenol Red (1039 only)	34487-61-1	<0.01
<b>Medium 2:</b>		
Water		>95
Sodium Bicarbonate	144-55-8	<1
Human Serum Albumin		<1
Sodium Chloride	7647-14-5	<1
Amino Acids		<1
Calcium Lactate	41372-22-9	<0.1
Potassium Sulphate	7778-80-5	<0.1
Sodium Phosphate monobasic	7558-80-7	<0.1
Glucose	492-62-6	<0.1
Magnesium Sulphate	7487-88-9	<0.01
Sodium Pyruvate	113-24-6	<0.01
SSR® (Synthetic Serum Replacement)*		<0.01
Gentamicin Sulphate	1405-41-0	<0.01
Phenol Red (1039 only)	34487-61-1	<0.01

\*Contains Human Insulin recombinant.

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### 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.

**ORIGIO a/s**

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**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

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

### 9. Physiological and Chemical properties

**Appearance:** A clear red liquid (1039)/ A clear colourless liquid (1040).  
**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

The product has been tested in biocompatibility tests, Delayed Contact Hypersensitivity test and Vaginal Irritation test. There was no evidence of delayed contact hypersensitivity and the irritation test classified the product as a non-irritant.

### 12. Ecological Information

No known ecological damage.

### 13. Disposal Considerations

Dispose of as medical waste.

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**14. Transportation Information**

Classified as non-hazardous for transport.

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

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