1. Identification of Substance/Preparation and of the Company

Product name: Sperm Preparation Medium with and without Phenol Red
Manufacturer: ORIGIO a/s
Knardrupvej 2
DK-2760 Målev
+45 46 79 02 00
Cat. No.: 1070/1069
Product use: For washing of spermatozoa and isolation of motile viable spermatozoa by swim-up method.

2. Hazard Identification

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

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>Approx. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>&gt;90</td>
<td></td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>7647-14-7</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Human Serum Albumin</td>
<td></td>
<td>&lt;1</td>
</tr>
<tr>
<td>HEPES Free Acid</td>
<td>7365-45-9</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Sodium Bicarbonate</td>
<td>144-55-8</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Glucose</td>
<td>50-99-7</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Potassium Chloride</td>
<td>7447-40-7</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Calcium Chloride</td>
<td>10043-52-4</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Sodium Phosphate monobasic</td>
<td>10049-21-5</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>HEPES Sodium Salt</td>
<td>75277-39-3</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Magnesium Sulphate</td>
<td>7487-88-9</td>
<td>&lt;0.01</td>
</tr>
<tr>
<td>Sodium Pyruvate</td>
<td>113-24-6</td>
<td>&lt;0.01</td>
</tr>
<tr>
<td>SSR® (Synthetic Serum Replacement)*</td>
<td>1405-41-0</td>
<td>&lt;0.01</td>
</tr>
<tr>
<td>Gentamicin Sulphate</td>
<td></td>
<td>&lt;0.01</td>
</tr>
<tr>
<td>Phenol Red (1070 only)</td>
<td>34487-61-1</td>
<td>&lt;0.01</td>
</tr>
</tbody>
</table>
* Contains Human Insulin recombinant

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

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

9. Physiological and Chemical properties

Appearance: A clear, colourless liquid (1070)/ A clear red liquid (1069).
Odour: Odourless
Boiling point: N/A
Vapour Pressure: N/A
Specific Gravity: N/A
Vapour Density: N/A
Melting Point: N/A
Solubility H₂O: 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.

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 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.