

# SAFETY DATA SHEET

## PureSperm<sup>®</sup> Wash

### 1.0 Identification of the Substance/Mixture and of the Company/Undertaking

Product Name: **PureSperm<sup>®</sup> Wash**

Product Catalogue No: **PSW-100**.

PureSperm<sup>®</sup> Wash is a sterile isotonic salt solution containing human Serum Albumin. It is optimised for washing the sperm pellet recovered from density gradient preparation, for use in swim-up procedures, extension of sperm prior to IUI or as a maintenance medium, 100 mL quantity in borosilicate glass bottles, with silicone stoppers and tamper-evident seals.

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### 2.0 Hazards Identification

The product is classified as non-hazardous according to Dangerous Substances Directive 67/548/EEC, Dangerous Preparations Directive 1999/45/EC, CLP Regulation (EC) No 1272/2008 and US OSHA regulations.

Physical hazards: None established.

Human health effects and symptoms of acute exposure: None established.

Human health effects and chronic exposure: None established.

### 3.0 Composition/Information on Ingredients

The product consists of a physiological salt solution containing human serum albumin.

### 4.0 First-Aid Measures

|                          |   |
|--------------------------|---|
| If inhaled:              | Remove from exposure. Transfer person to fresh air. If discomfort persists, obtain medical attention.   |
| In case of skin contact: | Wash off with an abundance of water and remove contaminated clothing.   |
| In case of eye contact:  | After initial flushing with physiological saline, remove any contact lenses. Flush thoroughly with physiological saline for 15 minutes. If discomfort persists, obtain medical attention. |
| If swallowed:            | Rinse mouth with water and give water to drink. Never give water to unconscious person. No medical attention should be necessary.   |

### 5.0 Fire-Fighting Measures

|   |  |
|---|--|
| Suitable extinguishing media:           | Unlikely to burn.  |
| Special fire or explosion hazards:      | Not applicable.  |
| Products of combustion:                 | Not applicable.  |
| Special exposure hazards:               | Not applicable.  |
| Protective equipment for fire fighters: | Use correct equipment applicable to primary cause of fire. |

### 6.0 Accidental Release/Spill Measures

|                            |   |
|----------------------------|---|
| Personal Precautions:      | Not applicable.   |
| Environmental Precautions: | Always follow the community, state or federal regulations.  |
| Clean-Up Methods:          | Wipe up using appropriate absorbent material and dispose with normal laboratory refuse, according to community, state or federal regulations. |

### 7.0 Handling and Storage

|                          |  |
|--------------------------|--|
| Incompatible materials:  | Not applicable.  |
| Storage conditions:      | Store at room temperature or if opened at +2° to +8°C.     |
| Handling Recommendation: | Use care in handling/storage.                              |
| Handling Precautions:    | Avoid inhaling, ingestion, and contact with eyes and skin. |

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## 8.0 Exposure Controls/Personal Protection

|                           |                     |
|---------------------------|---------------------|
| Exposure limit:           | Not established.    |
| Ventilation requirements: | Normal ventilation. |
| Respiratory protection:   | None known          |
| Eye protection:           | None known          |
| Skin protection:          | None known          |

## 9.0 Physical and Chemical Properties

|  |  |
|--|--|
| Appearance: Transparent liquid (light yellow). | Upper flammable limits (%): Not applicable.  |
| Odour: Odourless.                              | Lower flammable limit (%): Not applicable.   |
| Acid/Base: pH 7.3-8.5                          | Autoflammability (°C): Not applicable.       |
| Viscosity: Physiological salt solution.        | Vapour Pressure: Not applicable.             |
| Freezing/Melting point: Approx. 0°C            | Relative Density (water =1): Approx. 1.0     |
| Boiling Point: Approx. 100°C                   | Solubility in water: Already water solution. |
| Flash Point: Not applicable.                   | Percent Volatility: Not applicable.          |
| Osmolality: 290-300 mOsm.                      |  |

## 10.0 Stability and Reactivity

|                                    |                 |
|------------------------------------|-----------------|
| Stability under normal conditions: | Stable          |
| Explosive Properties:              | None known.     |
| Hazardous Decomposition:           | Not applicable  |
| Hazardous polymerization:          | Will not occur. |
| Incompatible Materials to avoid:   | None known      |

## 11.0 Toxicological Information

Product is essentially inert. No toxic or ill effects under normal operating conditions

## 12.0 Ecological Information

No known adverse ecological effects

## 13.0 Disposal Considerations

According to applicable regulations for aqueous, physiological salt solutions, i.e., open container and flush contents with tap water via a drain into the sewage system according to local community, state or federal regulations. The glass bottles and paper cartons can be recycled without adverse problems in the recycling system for glass and paper, respectively.

## 14.0 Transport Information

Non-regulated transport. Non-dangerous goods.

## 15.0 Regulatory Information

See hazards identification.

United States: 510 (k) K984172

EU: EC Certificate 2460

## 16.0 Other information

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