

# PureSperm<sup>®</sup> SpeediKit

## MATERIAL SAFETY DATA SHEET

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

Product Name: PureSperm<sup>®</sup> SpeediKit

Product Catalogue No: PSSK-70. Sterile colloid (*PureSperm*<sup>®</sup>) and salt solution containing human serum albumin (*SpermAssist*<sup>™</sup>). For preparing human sperm by the single layer method, for intra-uterine insemination.

One kit contains sufficient products and tubes to prepare semen from 5 patients by centrifugation on a single layer of colloid followed by washing in *SpermAssist*<sup>™</sup>. Both products are already dispensed in borosilicate glass centrifuge tubes and are ready to use. The kit also contains a semen collection tube for each patient

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### 2.0 Composition/Information on Ingredients

Hazardous ingredients: None established, no ingredients listed as carcinogens. Consists of either colloids in a physiological salt solution (*PureSperm*<sup>®</sup>) or physiological salt solutions containing human serum albumin (*SpermAssist*<sup>™</sup>)

### 3.0 Hazard Identification

Physical hazards: None established

Human Health Effects and Symptoms of Acute Exposure: None established

Human Health Effects and Chronic Exposure: None established

### 4.0 First-Aid Measures

Inhalation: Remove from exposure. If discomfort persists, obtain medical attention

Skin Contact: Wash off with water. Remove contaminated clothing.

Eye Contact: Flush thoroughly with physiological saline for 15 minutes. If discomfort persists, obtain medical attention

Ingestion: Rinse mouth with water and give water to drink. Consult doctor if feeling unwell.

### 5.0 Fire-Fighting Measures

Suitable Extinguishing Media: Carbon dioxide, dry chemicals or water.

Special Fire or Explosion Hazards: Not applicable – all products are water-based.

Products of Combustion: Not applicable

Special Exposure Hazards: Not applicable.

Protective Equipment for Fire Fighters: Use correct equipment applicable to the primary cause of fire.

### 6.0 Accidental Release/Spill Measures

Personal Precautions: Floors may be slippery

Environmental Precautions: Not applicable.

Clean-Up Methods: Wipe up using appropriate absorbent material and dispose with normal laboratory refuse, according to community, state or federal regulations

# NidaCon International AB

## 7.0 Handling and Storage

Incompatible Materials: Not applicable

Storage Conditions: Store at room temperature or refrigerated +2° to +8°C

Handling Recommendation: Not applicable

Handling Precautions: Avoid inhaling, ingestion, and contact with eyes

## 8.0 Exposure Control/Personal Protection

Exposure limit: Not established. Ventilation requirements: Normal ventilation.

Respiratory Protection: If **PureSperm**<sup>®</sup> is dried down to powder form, use face mask when handling large quantities.

Eye Protection: Use safety goggles when handling large quantities

Skin Protection: Use protective gloves when handling large quantities

## 9.0 Physical and Chemical Properties

Appearance: **PureSperm**<sup>®</sup> is a milky suspension. **SpermAssist**<sup>™</sup> is a colourless aqueous salt solution. Freezing/Melting Point: approx. 0°C  
Relative Density (water =1): approx 1.1

Odour: odourless

Boiling point 100°C

Acid/Base. pH 7.5-8.5 (aqueous solution) Viscosity: salt solutions and colloids

Upper Flammable Limits (%): not available Vapour Pressure: not applicable

Lower Flammable Limit (%): not available Solubility in water: already aqueous solution

Acid/Base: pH 7.4-7.8 (colloid) Flash Point: not applicable

Autoflammability (°C): not applicable Percent volatility: not applicable

## 10.0 Stability and Reactivity

Stability under normal conditions: Stable

Explosive Properties: Not applicable

Hazardous Decomposition: thermal decomposition may yield oxides of carbon

Hazardous polymerization: will not occur

Incompatible Materials to avoid: oxidizing agents such as nitric acid.

## 11.0 Toxicological Information

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

## 12.0 Ecological Information

Environmental Impact: No known adverse ecological effects. Biodegradable.

## 13.0 Disposal Considerations

Waste Disposal: 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 recycled glass and paper system, respectively.

## 14.0 Transport Information

Transport Information: Non-regulated transport. Non-dangerous goods.

## 15.0 Regulatory Information

Manufactured according to Total Quality Management (TQM), ISO 9001/13485 and pharmaceutical quality.

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