

# NidaCon International AB

## PureSperm<sup>®</sup> SpeediKit

### MATERIAL SAFETY DATA SHEET

Document no: MSDS-5013

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

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

Product Cat. No: **PSSK-070**

Sterile colloid (PureSperm<sup>®</sup>) and salt solution containing human serum albumin (PureSperm<sup>®</sup>Wash). 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 PureSperm<sup>®</sup>Wash. 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

Manufacturer: **NidaCon International AB**, Flöjelbergsgatan 16B, 431 37 Mölndal, Sweden.

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#### 2.0 Composition/Information on Ingredients

Consists of either colloids in a physiological salt solution (PureSperm<sup>®</sup>) or physiological salt solutions containing human serum albumin (PureSperm<sup>®</sup> Wash)

#### 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

If inhaled:

Remove from exposure. If discomfort persists, obtain medical attention

In case of skin contact:

Wash off with water. Remove contaminated clothing

In case of eye Contact:

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. 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

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.

#### 7.0 Handling and Storage

Incompatible Materials:

Not applicable

Storage Conditions:

Store at room temperature or refrigerated +2° to +8°C.

After opening at +2° to +8°C

Handling Recommendation:

Not applicable

Handling Precautions:

Avoid inhaling, ingestion, and contact with eyes

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## 8.0 Exposure Control/Personal Protection

Exposure limit:	Not established.
Ventilation requirements:	Normal ventilation.
Respiratory Protection:	If dried down to powder form, use face mask when handling large quantities
Eye Protection:	Use safety goggles when handling large quantities
Skin Protection:	Use protection gloves when handling large quantities

## 9.0 Physical and Chemical Properties

Appearance:	PureSperm® is a milky suspension, PureSperm® Wash is a colourless aqueous salt solution.
Upper Flammable Limits (%):	Not applicable
Odour:	Odourless
Lower Flammable Limit (%):	Not applicable
Acid/Base:	pH 7.4-8.5 (aqueous solution)
Autoflammability (°C):	Not applicable
Viscosity:	Physiological salt solution and colloid
Vapour Pressure:	Not established
Percent Volatility:	Not established
Freezing/Melting Point:	Not established
Boiling Point:	100°C
Solubility in water:	Already water solution
Flash Point:	Not established

## 10.0 Stability and Reactivity

Stability under normal conditions:	Stable if stored as recommended
Explosive Properties:	Not applicable
Hazardous Decomposition:	Thermal decomposition may yield oxides of carbon
Hazardous polymerization:	Will not occur.
Incompatible Materials to avoid:	Avoid contact with 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. LD <sub>50</sub> is not established for this product.
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## 12.0 Ecological Information

Environmental Impact:	No known adverse ecological effects
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## 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 recycling system for glass and paper, respectively.
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## 14.0 Transport Information

Transport Information:	Non-regulated transport. Non-dangerous goods.
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## 15.0 Regulatory Information

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