

# SAFETY DATA SHEET

## Sperm VitalStain™

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

Product Name: **Sperm VitalStain™**

Product Catalogue No: **SVS-010**

Sperm VitalStain™ is a solution containing eosin, nigrosin and formalin. A staining technique used for the assessment of sperm vitality. 10 ml quantities in brown glass bottles with tamper evident cap.

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

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### 2.0 Hazards Identification

Physical hazards:	Irritating to eyes.
Human health effects and symptoms of acute exposure:	None established.
Human health effects and chronic exposure:	None established.

### 3.0 Composition/Information on Ingredients

Hazardous ingredients:	Formalin: Poisonous if swallowed, avoid skin contact.
	Eosin G: Do not swallow or inhale, avoid skin contact.
	Nigrosin: Do not swallow or inhale, avoid skin contact.

### 4.0 First-Aid Measures

If inhaled:	Remove from exposure. Transfer 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. Obtain medical attention.
If swallowed:	Rinse mouth with water and give water to drink. Never give water to unconscious person. Obtain medical attention.

### 5.0 Fire-Fighting Measures

Suitable extinguishing media:	Carbon dioxide, dry chemicals or foam.
Special fire or explosion hazards:	None known.
Products of combustion:	None known.
Special exposure hazards:	None known.
Protective equipment for fire fighters:	Use correct equipment applicable to primary cause of fire.

### 6.0 Accidental Release Measures

Personal precautions:	Avoid contact.
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 established.
Storage conditions:	Store at room temperature.
Handling recommendation:	Avoid skin contact in order to avoid skin discolouration, staining.
Handling precautions:	Avoid inhaling, ingestion, and contact with eyes.

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## 8.0 Exposure Controls/Personal Protection

Exposure limit:	Not established.
Ventilation requirements:	Normal ventilation.
Respiratory protection:	None known.
Eye protection:	Use chemical safety goggles.
Skin protection:	Use protection gloves.

## 9.0 Physical and Chemical Properties

Appearance: Blue liquid	Upper flammable limits (%): Not established
Odour: Odourless	Lower flammable limit (%): Not established
Acid/Base: pH 7.3-9, 5	Auto flammability (°C): Not established
Viscosity: Physiological salt solution	Vapour pressure: Not established
Freezing/Melting Point: Approx 0°C	Boiling point: Approx 100°C
Solubility in water: Already Aqueous solution	Flash point: Not established
Percent volatility: Not established	
Osmolality: 300-310 mOsm	

## 10.0 Stability and Reactivity

Stability under normal conditions:	Stable
Explosive properties:	Not established.
Hazardous decomposition:	Not established.
Hazardous polymerization:	Will not occur.
Incompatible materials to avoid:	None known.

## 11.0 Toxicological Information

No toxic or ill effects under normal operating conditions. LD<sub>50</sub> is not established for this product.

## 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 recycled glass and paper system, respectively.

## 14.0 Transport Information

Non-regulated transport. Non-dangerous goods.

## 15.0 Regulatory Information

See hazards identification.

United States: Exempt

EU: CE marked IVD

## 16.0 Other information

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