

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
Odour: Odourless
Acid/Base: pH 7.3-9, 5
Viscosity: Physiological salt solution
Freezing/Melting Point: Approx 0°C
Solubility in water: Already Aqueous solution
Percent volatility: Not established
Osmolality: 300-310 mOsm

Upper flammable limits (%): Not established
Lower flammable limit (%): Not established
Auto flammability (°C): Not established
Vapour pressure: Not established
Boiling point: Approx 100°C
Flash point: Not established

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. LD₅₀ is not established for this product.

12.0 Ecological Information

No known adverse ecological effects.

13.0 Disposal Considerations

Disposal should be in a safe manner in accordance with existing disposal practices employed at your facility for infectious waste. Chemical residues may count as special waste. Observe all federal, state, and local environmental regulations for waste disposal. Accessories and disposables should be handled according to the manufacturers' recommendation.
Ecological considerations – avoid release into the environment

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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