

MATERIAL SAFETY DATA SHEET

NidOil™

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

Product Name: **NidOil™**
Product Catalogue No: **NO-100, NO-300**

NidOil™ is a sterile, light, liquid paraffin oil for use as an overlay during culture and manipulation of gametes and embryos in vitro. Quantities of 100mL or 300 mL in amber PET bottles, sealed with tamper-evident screw caps.

Manufacturer: **NidaCon International AB**, Flöjelbergsgatan 16B, SE-431 37, Mölndal, Sweden.
Emergency: Telephone: + 46 - 31 - 703 06 30 Telefax: + 46 - 31 - 40 54 15 E-mail: contact@nidacon.com

2.0 Composition/Information on Ingredients

Hazardous ingredients: None established. Consists of a mixture of purified, solid, saturated hydrocarbons which are not hazardous as specified in directive 67/548/EEC.

3.0 Hazard Identification

Physical hazards:	Non-hazardous product
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. Transfer person to fresh air. If discomfort persists, obtain medical attention.
In case of skin contact:	Wash off with an abundance of 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. Never give water to unconscious person. Obtain medical attention if feeling unwell.

5.0 Fire-Fighting Measures

Suitable extinguishing media:	Carbon dioxide, dry chemicals or foam.
Special fire or explosion hazards:	Combustible.
Products of combustion:	CO ₂ , H ₂ O
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:	Do not inhale vapours/aerosols.
Environmental precautions:	Prevent product from entering sewerage system.
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.
Handling recommendation:	Protect from light.
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:	Required when vapours/aerosols are generated
Eye protection:	Not required.
Skin protection:	Not required.

9.0 Physical and Chemical Properties

Appearance: Colourless transparent liquid	Upper Flammable Limits (%): Not available.
Odour: Odourless	Lower Flammable Limit (%): Not available.
Acid/Base: Not available	Ignition Temperature (°C): >300
Viscosity (at 20°C): 25-80 mPas	Vapour Pressure: (20°C): 0.0001 hPa
Freezing/Melting Point: Not available	Density: (20°C): 0.85 g/cm ³
Boiling Point: approx 300-450°C	Solubility in water: Insoluble.
Flash Point: 195°C	Setting Point: -15°C

10.0 Stability and Reactivity

Stability under normal conditions:	Stable.
Hazardous decomposition:	No information available.
Hazardous polymerization:	Will not occur.
Incompatible Materials to avoid:	No information available.

11.0 Toxicological Information

No toxic or ill effects under normal operating conditions. If vapours/aerosols generated, inhalation may lead to formation of oedemas in the respiratory tract. After swallowing large amounts, gastrointestinal complaints.

12.0 Ecological Information

No ecological problems when the product is handled and used with due care and attention.

Substance floats on water.

Concentration in organisms possible.

Biological effects:	Daphnia toxicity:	Daphnia EC50: >1000 mg/L
	Fish toxicity: fish LC50:	>1000 mg/L
	Algal toxicity: algae IC50:	>1000 mg/L

13.0 Disposal Considerations

Chemical residues may count as special waste. Dispose of product according to local community, state or federal regulations. Bottles and paper cartons can be recycled without adverse problems in the PET and paper recycling system, respectively.

14.0 Transport Information

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

15.0 Regulatory Information

Certified according to SS-EN ISO 9001 and SS-EN ISO 13485.

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