

NidaCon International AB

*NidOil*TM

MATERIAL SAFETY DATA SHEET

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

Product Name: **NidOil**TM

Product Catalogue Nos: NO-100; NO-300. Sterile, light, liquid paraffin for use during the culture and manipulation of gametes and embryos in vitro in the laboratory. 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.

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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 as specified in directive 67/548/EEC.

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, to fresh air. If discomfort persists, obtain medical attention

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

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

Ingestion of large amounts: Rinse mouth with water and give water to drink. Seek medical attention if feeling unwell

5.0 Fire-Fighting Measures

Suitable Extinguishing Media: Carbon dioxide, foam or powder

Special Fire or Explosion Hazards: Combustible

Products of Combustion: CO₂, H₂O

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: Do not inhale vapours/aerosols

Environmental Precautions: Prevent product from entering sewerage system

Clean-Up Methods: Wipe up using appropriate liquid absorbent material and forward to specialists for disposal 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

Industrial hygiene: wash hands after working with substance

9.0 Physical and Chemical Properties

Appearance: Colourless liquid

Odour: Odourless

Acid/Base: Not available

Viscosity: (at 20°C) 25-80 mPas

Melting Point: Not available

Boiling Point: 300-450°C

Flash Point: 195°C

Upper Flammable Limits (%): Not available

Lower Flammable Limit (%): Not available

Ignition Temperature (°C): >300

Vapour Pressure: (20°C) 0.0001 hPa

Density: (20°C) 0.85 g/cm³

Solubility in water: Insoluble

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

Toxicity 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.

Acute toxicity: LD50 (oral, rat). >5000 mg/kg

LD50 (dermal, rabbit): >3000 mg/kg

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

Waste Disposal: 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.

15.0 Regulatory Information

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

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