

# SAFETY DATA SHEET

NidOil™

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

Product Name: **NidOil**

Product Catalogue No: **NO-100, NO-400K**

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 4 x 100 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 Hazards Identification

The product is classified as non-hazardous according to Dangerous Substances Directive 67/548/EEC, Dangerous Preparations Directive 1999/45/EC, CLP Regulation (EC) No 1272/2008 and US OSHA regulations.

Physical hazards:

Non-hazardous product

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

## 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 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. 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<sub>2</sub>, H<sub>2</sub>O

Special exposure hazards:

Not applicable.

Protective equipment for fire fighters:

Use correct equipment applicable to primary cause of fire.

## 6.0 Accidental Release 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 if opened at +2° to +8°C.

Handling recommendation:

Protect from light.

Handling precautions:

Avoid inhaling, ingestion, and contact with eyes.

## 8.0 Exposure Controls/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.



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## 9.0 Physical and Chemical Properties

Appearance: Colourless transparent liquid  
Odour: Odourless  
Acid/Base: Not available  
Viscosity (at 20°C): 25-80 mPas  
Freezing/Melting Point: Not available  
Boiling Point: approx 300-450°C Solubility in water: Insoluble.  
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/cm<sup>3</sup>  
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 LC50:	>1000 mg/L

## 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: 510 (k) K984172

## 16.0 Other information

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