

SAFETY DATA SHEET

ThermoBlast™ Kit

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

Product Name: **ThermoBlast™ Kit**

Product Catalogue No: **TBK-010**

Sterile salt solutions containing human serum albumin (4-6) and Sucrose (4-5). For warming of vitrified blastocysts in vitro in the laboratory. 10 mL, in borosilicate glass bottles (fiolax), with polypropylene 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: None established.

Human health effects and symptoms of acute exposure: None established.

Human health effects and chronic exposure: None established.

3.0 Composition/Information on Ingredients

The product consists of salt solutions containing protein and sucrose.

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 soap and a lot of water. 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.

5.0 Fire-Fighting Measures

Suitable extinguishing media:	Unlikely to burn.
Special fire or explosion hazards:	Not established.
Products of combustion:	Not established.
Special exposure hazards:	Not established.
Protective equipment for fire fighters:	Use correct equipment applicable to the primary cause of fire.

6.0 Accidental Release Measures

Personal precautions:	Not established.
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 applicable.
Storage conditions:	Store at room temperature or if opened at +2° to +8°C.
Handling recommendation:	Use care in handling.
Handling precautions:	Avoid inhaling, ingestion, and contact with eyes.

8.0 Exposure Controls/Personal Protection

Exposure limit:	Not established.
Ventilation requirements:	Normal ventilation.

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Respiratory protection:	If dried down to powder form, use face mask when handling large quantities.
Eye protection:	Use safety goggles when handling large quantities.
Skin protection:	Use protection gloves when handling large quantities, or at repeated prolonged contact.

9.0 Physical and Chemical Properties

Appearance:	Transparent liquid (light yellow)
Upper Flammable Limits (%):	Not applicable.
Odour:	Odourless.
Lower Flammable Limit (%):	Not applicable.
Acid/Base:	pH 7.25-7.45
Autoflammability (°C):	Not applicable.
Viscosity:	Physiological salt solution.
Vapour Pressure:	Not established.
Percent Volatility:	Not established.
Freezing/Melting Point:	Not established.
Boiling Point:	Not established.
Solubility in water:	Already water solution.
Flash Point:	Not established.
Osmolality:	Solution 4 560-610mOsm Solution 5 450-500mOsm Solution 6 280-300mOsm

10.0 Stability and Reactivity

Stability under normal conditions:	Stable if stored as recommended.
Explosive properties:	Not applicable.
Hazardous decomposition:	Thermal decomposition may yield oxides of carbon.
Hazardous polymerization:	Will not occur.
Incompatible materials to avoid:	Avoid contact with oxidizing agents such as nitric acid.

11.0 Toxicological Information

Product is essentially inert. 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

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 recycling system for glass and paper, respectively.

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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