

# MATERIAL SAFETY DATA SHEET

## ThermoBlast™ Kit

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

Product Name: **ThermoBlast™ Kit**  
Product Catalogue No: **010-TBK**

Sterile salt solutions containing human serum albumin (1-3) and Sucrose (2-3). 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.  
Emergency: Telephone: + 46 - 31 – 703 06 30 Telefax: + 46 - 31 - 40 54 15 E-mail: [contact@nidacon.com](mailto:contact@nidacon.com)

### 2.0 Composition/Information on Ingredients

Salt solutions containing protein and sucrose.

### 3.0 Hazard Identification

Physical hazards: None established.  
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.  
In case of skin contact: Wash off with soap and a lot of water.  
In case of eye contact: Flush thoroughly with physiological saline for 15 minutes.  
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: Carbon dioxide, dry chemicals or water.  
Special fire or explosion hazards: Not applicable.  
Products of combustion: Not applicable.  
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: Floors may be slippery.  
Environmental precautions: Not applicable.  
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: Not applicable.  
Handling precautions: Avoid inhaling, ingestion, and contact with eyes.

# MATERIAL SAFETY DATA SHEET

## 8.0 Exposure Control/Personal Protection

Exposure limit:	Not established.
Ventilation requirements:	Normal ventilation.
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:	Clear, aqueous liquids.
Upper Flammable Limits (%):	Not applicable.
Odour:	Odourless.
Lower Flammable Limit (%):	Not applicable.
Acid/Base:	pH 7.2-7.4 (neutral).
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.

## 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

Toxicity information:	Product is essentially inert. No toxic or ill effects under normal operating conditions. LD <sub>50</sub> is not established for this product.
-----------------------	--

## 12.0 Ecological Information

Environmental Impact:	No known adverse ecological effects.
-----------------------	--------------------------------------

## 13.0 Disposal Considerations

Waste Disposal:	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

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

## 15.0 Regulatory Information

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

---

*The above information is given in good faith, being based on the latest knowledge available to NidaCon International AB. NidaCon International AB disclaims any expressed or implied warranty as to the accuracy of the above information and shall not be held liable for any incidental or consequential damage resulting from reliance on the information given above.*