

NidaCon International AB

ThermoBlast™ Kit

MATERIAL SAFETY DATA SHEET

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

Product Name: **VitriBlast Kit**

Product Cat. No: **010-VBK**

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.

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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.
After opening at +2° to +8°C
Handling Recommendation: Not applicable
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:	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 ₅₀ is not established for this product.
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12.0 Ecological Information

Environmental Impact:	No known adverse ecological effects
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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.
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14.0 Transport Information

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

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