

# SAFETY DATA SHEET

## BotuCrio

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

Product Name: **BotuCrio**

How to use: Add flask content directly to the centrifuged semen

Manufacturers:

**Botupharma Ind. e Com. de Produtos Veterinários Ltda.** 2.111 Coronel Fonseca Street Jardim Bom Pastor – Zip Code: 18.603-495 – Botucatu – São Paulo – Brazil.

Emergency: Telephone: + 55 - 14 – 3112 9900 Telefax: + 55 - 14 – 3112 9904.

E-mail: botupharma@botupharma.com.br

**Nidacon International AB**, Flöjelbergsgatan 16 b, 431 37 Mölndal – Sweden

Telephone: + 46 – 31 – 703 06 30 Telefax: + 46 – 31 – 40 54 15

E-mail: contact@nidacon.com

### 2.0 Composition/Information on Ingredients

Hazardous ingredients: None established, no ingredients listed as carcinogens. Contains sugars, amino acids, buffers, excipients, cryo-protectants, egg-yolk, antibiotics

### 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

Inhalation: Remove from exposure. If discomfort persists, obtain medical attention

Skin Contact: Wash off with water

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

Ingestion: Rinse mouth with water and give water to drink. Obtain medical attention

### 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 primary cause of fire.

### 6.0 Accidental Release/Spill Measures

Environmental Precautions: Not applicable

Clean-Up Methods: Wipe up using appropriate absorbent material and dispose according to community, state or federal regulations. See section 13.

### 7.0 Handling and Storage

Incompatible Materials: Not applicable

Storage Conditions: Store refrigerated -20°C, after thawing keep refrigerated +5°C up to 3 days

Handling Recommendation: Not applicable

Handling Precautions: Avoid inhaling, ingestion, and contact with eyes

### 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



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Skin Protection: Use protection gloves when handling large quantities

## 9.0 Physical and Chemical Properties

Appearance: yellow/orange liquid

Odour: low

Acid/Base: pH 6.7-7.0 (neutral)

Viscosity: low viscosity

Boiling Point: approx 95°C

Flash Point: not applicable Percent

Osmolality: approx. 1000 mOsm

Liquid Upper Flammable Limits (%): not applicable

Lower Flammable Limit (%): not applicable

Auto flammability (°C): not applicable

Vapour Pressure: not applicable

Solubility in water: already water solution

Volatility: not applicable

## 10.0 Stability and Reactivity

Stability under normal conditions: Stable 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

## 12.0 Ecological Information

Environmental Impact: No known adverse ecological effects

## 13.0 Disposal Considerations

Waste Disposal: Dispose of any cleanup materials and waste residue according to all applicable laws and regulations.

## 14.0 Transport Information

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

## 15.0 Regulatory Information

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

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