

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

**TRADE NAME:** FreezeSorb®

**MANUFACTURE:** Laminar Medica Ltd  
Unit 4, Tring Industrial Estate  
Tring, Hertfordshire.  
HP23 4JX, UK.

Tel: **+44 (0)1442 828664**  
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e-mail: [enquiries@laminarmedica.co.uk](mailto:enquiries@laminarmedica.co.uk)

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Description: Blend of inorganic salts, nucleating agents and micro biocides.

Hazardous ingredients:

Chemical	CAS No.	EINECS No.	Supply Class
None	N/A	N/A	N/A

## 3. HAZARDS IDENTIFICATION

Not hazardous under normal conditions.

## 4. FIRST AID MEASURES

**Contact with eyes:** Irrigate thoroughly with water for at least 10 minutes, keeping eyes open.

**Contact with skin:** Wash affected parts thoroughly with water.

**Inhalation:** Expose to fresh air.

**Swallowing:** Wash out mouth cavity and give 2-4 cupfuls of water or milk to drink.  
Do not induce vomiting.

## 5. FIRE FIGHTING MEASURES

**Suitable extinguishing agents:** Use extinguisher suitable to cause of fire.

**Dangerous combustion products:** Thermal decomposition will evolve hydrogen chloride above 1400°C

**Special safety equipment:** Wear full protective clothing.

**Special danger caused by the substance itself, or during its production; by its combustion products or the gases thus generated:** See above

## 6. ACCIDENTAL RELEASE MEASURES

**Personal protective measures:** Avoid skin and eye contact with un-encapsulated material, remove contaminated clothing and wash down body thoroughly with water.

**Cleaning methods:** Wash away smaller amounts thoroughly with large quantities of water. Contain larger volumes and dispose of safely.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin and eyes. Avoid ingestion. Do not eat or drink while working.

**Storage:** Store in a cool, dry area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**General Protective and Hygienic Measures:** Remove all soiled and contaminated clothing

**Breathing Equipment:** None

**Eye Protection:** None. Where spillages occur, protective goggles are recommended.

**Hand Protection:** None. Where spillages occur, protective gloves are recommended.

**Body Protection:** Observe the usual protection measures for handling chemicals.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Clear liquid containing un-dissolved material

**Odour:** None

**Boiling point:** 100 °C

**Melting point:** -22 °C

**Density:** 1.15 g/cm<sup>3</sup>

**Vapour pressure:** -

**Viscosity at 20 °C:** 1-5 cPs

**Miscibility in water:** Complete

**Flash point:** None

**Ignition temperature:** N/A

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Materials to be avoided:** Concentrated mineral acids

## 11. TOXICOLOGICAL INFORMATION

<b>LD<sub>50</sub> (oral, rat):</b>	>15,000 mg/kg
<b>Contact with eyes:</b>	Mildly irritating to eyes
<b>Contact with skin:</b>	Repeated or prolonged contact may cause sensitisation
<b>Inhalation:</b>	Under normal conditions inhalation of vapour is not a hazard
<b>Swallowing:</b>	Large doses may cause nausea and vomiting
<b>Mutagenicity:</b>	No mutagenic effects observed
<b>Carcinogenicity:</b>	Not carcinogenic

## 12. ECOLOGICAL INFORMATION

<b>Aquatic toxicity:</b>	None expected to be connected with leaks and spills
<b>Ultimate biodegradability:</b>	Not expected to be readily biodegradable

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal:</b>	Recover if possible. Otherwise dispose of in accordance with local or national regulations.
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## 14. TRANSPORTATION INFORMATION

UN No.:	None
IMDG Class:	None
IATA-DGR Class:	None
UN Packing Group:	None

## 15. REGULATIONS

Labelling according to EEC directives:

<b>Contents:</b>	None
<b>Symbol:</b>	None
<b>R-Sets:</b>	None
<b>S-Sets:</b>	None

## 16. FURTHER INFORMATION

We provide this information and data according to our present level of knowledge and experience. It is intended to describe the product from a safety point of view, not to guarantee any particular properties. No liability for damage incurred in connection with the use of this information or with the use, application, adaptation, or processing of the products here described will be accepted.