

MATERIAL SAFETY DATA SHEET

Section 1. Product and Company Information

Product Name	Brucella Broth		
Catalogue Number	i23027	Technical Phone:	0098 21 66787291
e-mail:	ibresco@gmail.com	Fax No:	0098 21 44787448
Company Address	Zist Kavosh Iranian, NIGEB, Pajohesh BLV, Tehran, Iran	Emergency Phone:	09391003565

Section 2. Composition/Information on Ingredient

Chemical nature	Mixture of inorganic and organic compounds
Substance Name	Not applicable
Mixture	No disclosure requirement according to Regulation (EC) No. 1907/2006

Section 3. Hazards Identification

Health Hazards: This mixture is not classified as dangerous according to EU legislation.

Other Hazards: None known.

Section 4. First Aid Measures

ORAL EXPOSURE: Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.

INHALATION EXPOSURE: Move to fresh air. Get medical attention immediately if symptoms occur.

DERMAL EXPOSURE: Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

EYE EXPOSURE: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.

Section 5. Fire Fighting Measures

EXPLOSION HAZARDS: LEL – N/A

FLASH POINT: N/A

ADVISE FOR FIREFIGHTERS: Special protective equipment for firefighters. In the event of fire, wear self-contained breathing apparatus.

EXTINGUISHING MEDIA: Water, Foam, Dry powder, Carbon dioxide (CO₂)

FIREFIGHTING: Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6. Accidental Release Measures

PROCEDURE(S) OF PERSONAL PRECAUTION(S): Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.

Environmental Precautions: Do not empty into drains.

METHODS FOR CLEANING UP: Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions. Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

Section 7. Handling and Storage

HANDLING: Observe label precautions. Change contaminated clothing. Wash hands after working with substance.

STORAGE: Tightly closed. Dry. Requirements to be met by storerooms and receptacles: 2 - 30°C.

Other Precautions: No special measures required.

Section 8. Exposure Controls / PPE

Components with limit values that require monitoring:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

OSHA-PEL: N/A

REL: N/A

TLV: N/A

Additional Information: Personal Protection listed below are general requirements for laboratory personnel. Follow the usual precautionary measures for handling chemicals / powder. Avoid contact with eyes, skin, and clothing.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Hand: Compatible chemical-resistant gloves.

Eye: Chemical safety goggles.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling. Wash contaminated clothing before reuse.

Section 9. Physical and Chemical Properties

Appearance	Homogenous, free-flowing powder	
Property	Value	At Temperature or pressure
pH	7.0 ± 0.2	25 °C
BP/BP Range	N/A	
MP/MP Range	N/A	
Freezing Point	N/A	
Vapor Pressure	N/A	
Vapor Density	N/A	
Saturated Vapor Conc.	N/A	
Bulk Density	N/A	
Odor Threshold	N/A	
Volatile%	N/A	
VOC Content	N/A	
Water Content	N/A	
Solvent Content	N/A	
Evaporation Rate	N/A	
Viscosity	N/A	
Surface Tension	N/A	
Partition Coefficient	N/A	
Decomposition Temp.	N/A	
Flash Point	N/A	
Explosion Limits	N/A	
Flammability	N/A	
Autoignition Temp	N/A	
Refractive Index	N/A	
Optical Rotation	N/A	
Miscellaneous Data	N/A	
Solubility in Water	42 g/l Soluble	
Solids Content	100.0%	

N/A = not available

Section 10. Stability and Reactivity**STABILITY**

Chemical Stability: The product is chemically stable under standard ambient conditions (room temperature).

Reactivity: The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

HAZARDOUS DECOMPOSITION PRODUCTS

No information available.

HAZARDOUS POLYMERIZATION

No information available.

Section 11. Toxicological Information**ROUTE OF EXPOSURE**

Skin irritation: This information is not available

Acute dermal toxicity: estimated as > 2.000mg/kg

Eye irritation: This information is not available

Acute inhalation toxicity: This information is not available.

Acute oral toxicity: This information is not available.

SIGNS AND SYMPTOMS OF EXPOSURE

Carcinogenicity Classification: This information is not available.

IARC (International Agency for Research on Cancer) - Not listed

NTP (National Toxicology Program) - Not listed

Section 12. Ecological Information

No data available.

Section 13. Disposal Considerations

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

Dispose in accordance with all applicable federal (40 CFR 261.3), state, and local environmental regulations. Smaller quantities can be disposed of with solid waste.

Contact a licensed professional waste disposal service to dispose of this material if questions arise.

Section 14. Transport Information

DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

Marine Pollutant: No

Section 15. Regulatory Information

Does not apply.

For this product a chemical safety assessment was not carried out.

Section 16. Other Information

DISCLAIMER

For R&D use only. Not for drug, household or other uses.

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. *ibresco* shall not be held liable for any damage resulting from handling or from contact with the above product.

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of any properties of the product.