

Material Safety Data sheet

Section 1: Product and Company Information

Product Name	Buffered Listeria Enrichment Broth Base		
Catalogue Number	i23028	Technical Phone	0098 21 66787291
E-mail	ibresco@gmail.com	Fax No	09391003565
Company Address	Zist Kavosh Iranian, No.432, East Kokab Av,45 Metri Golshahr, Karaj, Iran.		

Section 2: Hazards Identification

Label elements	Hazard Statement No Significant Hazard
Other hazards	None known

Section 3: Composition / Information on Ingredients

Description

No components need to be disclosed according to the applicable regulations.

Concentrations listed are not product specifications.

Section 4: First Aid Measures

Description of first aid measures

Inhalation	Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation Or symptoms persist.
Ingestion	Do not induce vomiting unless told to do so by the poison control center or doctor. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.

Skin contact May cause irritation to skin.
Ingestion May cause nausea and vomiting.

Indication of any immediate medical attention and special treatment needed

Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Seek medical attention if irritation or symptoms persist. If medical advice is needed, have product container or label at hand.

Section 5: Fire Fighting Measures

Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

Special hazards arising from the substance or mixture

This product is not flammable.

Advice for firefighters

Do not breathe dust or vapour. Wear suitable respiratory equipment when necessary.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid formation of dust. Use as appropriate: Protective equipment, Protective clothing. Ensure adequate ventilation of the working area. Avoid prolonged or repeated exposure.

Environmental precautions

Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. Do not let product contaminate subsoil.

Methods and material for containment and cleaning up

Avoid formation of dust. Clean spillage area thoroughly with plenty of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

Reference to other sections

See Section(s) 2, 8, and 13 for further information

Section 7: Handling and Storage

Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area. Do not contaminate water by cleaning of equipment or

disposal of wastes. Use as appropriate: Protective clothing.

Read the entire label and follow all use directions, restrictions, and precautions.

Conditions for safe storage, including any incompatibilities

Store in correctly labelled containers. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal. Follow label instructions.

Specific end use(s)

See Section(s) 1 for further information.

Section 8: Exposure Controls / PPE

Exposure controls

Appropriate engineering controls

Ensure adequate ventilation of the working area.

Individual protection measures

Use as appropriate: Protective equipment.

Eye / face protection

Use as appropriate: Suitable eye protection.

Skin protection - Handprotection

Use as appropriate: Chemical-resistant gloves made of any waterproof material.

Skin protection - Other

Use as appropriate: Protective clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Occupational exposure controls

Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Protect clothing from contact with the product. Provide chemical shower. Provide eye wash station.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Powder
Colour	Beige
Odour	Characteristic
Odour threshold	No data available
pH	7.1 - 7.5
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Flash point	Not applicable.
Evaporation rate	No data available
Flammability (solid, gas)	Not applicable.
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	Not applicable.
Viscosity	No data available
Explosive properties	Not applicable.
Oxidising properties	Not applicable.
Solubility	Soluble in water
Other information	
Conductivity	No data available
Surface tension	No data available
Gas group	Not applicable.
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	Not applicable.

Section 10: Stability and Reactivity

Reactivity

Stable under normal conditions.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

Conditions to avoid

Keep away from extreme temperatures, Moisture.

Incompatible materials

No data available.

Hazardous decomposition products

Carbon oxides.

Section 11: Toxicological Information

Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitization	May cause allergic reactions in susceptible people.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-123. Not listed in the National Toxicology Program (NTP) 14th Report on Carcinogens. Not listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
STOT-repeated exposure	No Significant Hazard.
Aspiration hazard	No Significant Hazard.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible. See Section(s) 3 for further information.
Mixtures	See Section(s) 2 and 3 for further information.
Hazard Information	No data available
Toxicological Information	See Section(s) 2 and 14 for further information.
Hazard Class	Based on the Globally Harmonised System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations.
Classification Criteria	Eye contact. Ingestion. Inhalation. Skin contact.
Information on likely routes of exposure	

Symptoms related to the physical, chemical and toxicological characteristics

See Section(s) 4.2 for further information.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

See Section(s) 4.2 for further information.

Interactive effects	No data available.
Absence of specific data	<1% of this mixture consists of ingredients of unknown acute toxicity.
Mixture versus substance information	See Section(s) 3 for further information.
Other information	Caution - substance not yet fully tested.

Section 12: Ecological Information

Toxicity	No data available
Persistence and degradability	No data is available on this product.
Bioaccumulative potential	No data is available on this product.

Partition coefficient

Buffered Listeria Enrichment Broth Base No data available

Mobility in soil No data is available on this product.

Results of PBT and vPvB assessment No data is available on this product.

Other adverse effects Caution - substance not yet fully tested.

Section 13: Disposal Consideration

Waste treatment methods

Dispose of in compliance with all local and national regulations. Follow label instructions.

Disposal methods

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not flush into surface water. Dispose of in compliance with all local and national regulations.

Disposal of packaging

Nonrefillable container. Do not reuse or refill this container.
If empty: Do not reuse this container. Place in trash or offer for recycling, if available.
If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Section 14: Transport Information

UN number

The product is not classified as dangerous for carriage.

UN proper shipping name

The product is not classified as dangerous for carriage.

Transport hazard class(es)

The product is not classified as dangerous for carriage.

Packing group

The product is not classified as dangerous for carriage.

Environmental hazards

The product is not classified as dangerous for carriage.

Special precautions for user

The product is not classified as dangerous for carriage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture **Regulations**

1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Chemical

Inventories/Right-to-Know Lists:

--International--.

Basel Convention (Hazardous Waste): Not applicable.

Chemical Weapons Convention (OPCW): This material contains no reportable components.

Kyoto Protocol Greenhouse Gases: This material contains no reportable components.

Mercosur Agreement: Applicable.

Montreal Protocol: This material contains no reportable components.

The Rotterdam Convention: This material contains no reportable components.

The Stockholm Convention: This material contains no reportable components.

--Asia and the ASEAN Nations--.

Catalog of Hazardous Chemicals (China): This material contains no reportable components.

Regulation of Minister of Trade of the Republic of Indonesia, Number 75, Year 2014, regarding The Second Amendment of Minister of Trade, Number 44, Year 2009, Regarding Provision, Distribution, and Control of Hazardous Substances: This material contains no reportable components.

Chemical Substances Control Law (Japan): This material contains no reportable components.

Industrial Safety and Health Act, Dangerous Substances (Japan): This material contains no reportable components.

Poisonous and Deleterious Substances Act (Japan): This material contains no reportable components.

Chemical Substances Subject to Permission (Korea): This material contains no reportable components.

Restricted or Prohibited Substances (Korea): This material contains no reportable components.

Use and Standards of Exposure of Chemicals Hazardous to Health (USECHH), Regulation 2000 (Malaysia): This material contains no reportable components.

Philippine Inventory of Chemicals and Chemical Substances (PICCS): All ingredients listed or exempt.

Taiwan Toxic and Concerned Chemical Substances Control Act (TCCSCA): This material contains no reportable components.

Hazardous Substances Act (Thailand): This material contains no reportable components.

Law on Chemicals (Vietnam): Appendix V, [Potassium phosphate monobasic, CAS No. 7778-77-0].

--Australia and New Zealand--.

Australian Dangerous Goods Code: Not applicable.

Australian Inventory of Chemical Substances (AICS): All ingredients listed or exempt.

New Zealand Inventory of Chemicals (NZIoC): All ingredients listed or exempt.

Safety, health and environmental regulations/legislation specific for the substance or mixture

--European Union (EU) and the United Kingdom (UK)--.

Authorisation List (Annex XIV of REACH): This material contains no reportable components.

Annex XVII for REACH: This material contains no reportable components.

Article 95 of the Biocidal Products Regulation (BPR): Not applicable.

--North America--.

Domestic/Non-Domestic Substances Lists (DSL/NDSL): All ingredients listed or exempt.

Toxic Substances Control Act (TSCA): All ingredients listed or exempt.

Massachusetts Right-to-Know Hazardous Substance List: Sodium phosphate dibasic.
New Jersey Worker and Community Right to Know Act: Sodium phosphate dibasic.
Pennsylvania Right to Know Law: Phosphoric acid disodium salt.
Rhode Island Right-to-Know General Law: This material contains no reportable components.
California Proposition 65: This material contains no reportable components.

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.

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