

Effective date: 01/04/24	Hy-Labs Cat. No: BP261	MSDS FORMAT	Replace Doc: NA
Doc. No: MSDS-BP261		MATERIAL SAFETY DATA SHEET	

1- Product and Company Identification	
Product Name	LACTOSE BROTH (100ml, 125ml, 90ml)
Reference number	BP261/100S/ 125P/ 90S
Manufacturer	Hy-Laboratories Ltd. Park Tamar, Rehovot, 76326, Israel Tel: 972-8-9366475 Fax: 972-8-9366474
2- Composition, Information on Ingredients	
Description	
No components need to be disclosed according to the applicable regulations. Concentrations listed are not product specifications.	
3- Hazard Specifications	
Classification - GHS	Based on available data, this product is not classified as hazardous.
Label elements	Hazard Statements - No Significant Hazard
4- 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
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
5- Fire Fighting Measures	
Extinguishing Media	Use extinguishing media appropriate to the surrounding fire conditions
Special hazards arising from the substance or mixture	Combustible dusts: May form combustible dust concentrations in air. Avoid formation of dust. Do not allow undiluted product to be released to ground water, water course or sewage system.
Advice for firefighters	Do not breathe dust or vapor. Wear self-contained breathing apparatus and chemical-protective clothing.
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.

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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

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 at temperatures between 15 °C and 25 °C. Follow label instructions. Store in correctly labelled containers. Keep container tightly closed. Protect from moisture. Do not contaminate water, food, or feed by storage or disposal

8- Exposure Controls, Personal Protection

Control parameters	No occupational exposure limits known
Exposure controls	
Appropriate engineering controls	Ensure adequate ventilation of the working are
Individual protection measures	Use as appropriate: Protective equipment
Eye / face protection	Use as appropriate: Suitable eye protection.
Skin protection - Hand protection	Use as appropriate: Chemical-resistant gloves made of any waterproof material. Wash the outside of gloves before removing them.
Skin protection - Other	Use as appropriate: Protective clothing. Wash contaminated clothing, separately from other laundry, with detergent and water before reuse
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. Dust may be irritating if inhaled.
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
Further information	Follow label instructions

9- Physical and Chemical Properties

Form	Liquid.
Information on basic physical and chemical properties	
State Liquid	
Color - Beige	
Odor Characteristic	

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Odor threshold - No data available
 pH 6.7 - 7.1
 Melting point - No data available
 Freezing Point - No data available
 Initial boiling point - No data available
 Flash point - No data available
 Evaporation rate - No data available
 Vapor pressure - No data available
 Relative Vapour Density - No data available
 Density / Relative Density - No data available
 Fat Solubility - No data available
 Partition coefficient (P) - No data available
 Autoignition temperature - No data available
 Viscosity - Not applicable.
 Explosive properties - No data available
 Oxidizing properties - No data available
 Solubility - Soluble in water
 Conductivity - No data available
 Gas group - No data available
 Benzene Content - No data available
 Lead content - No data available
 VOC (Volatile organic compounds) - No data available

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	Avoid sparks, flames, heat and sources of ignition. Avoid formation of dust. Keep away from extreme temperatures. Protect from moisture. Protect from sunlight.
Incompatible materials	Combustible materials.
Hazardous decomposition products	Carbon oxides.

11- Toxicological Information

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	No components at >0.01% are listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. No components at >0.01% are listed in the International Agency for Research on Cancer (IARC) Monographs. No components at >0.01% are listed in the National Toxicology Program (NTP) Report on Carcinogens.

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	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		
Mixtures	See Section(s) 3 for further information		
Hazard Information	See Section(s) 2 and 3 for further information.		
Toxicological information	No data available		
Hazard Class	See Section(s) 2 and 14 for further information		
Classification Criteria	Based on the Globally Harmonized System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations.		
Information on likely routes of exposure	Eye contact. Skin contact. Inhalation. Ingestion		
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	No data available.		
Information on other hazards	No data available.		
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		
Mobility in soil	No data is available on this product		
Results of PBT and vPvB assessment	No data is available on this product		
Endocrine disrupting properties	No data is available on this product.		
Other adverse effects	Specific test data for the substance or mixture is not available		
Further information	Keep out of lakes, ponds, or streams		
13- Disposal Information			
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		

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	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.
Further information	Refer to product label and/or package insert for additional information. Follow label instructions.

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.
Maritime Transport in bulk according to IMO instruments	The product is not classified as dangerous for carriage.

15- Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture	
Regulations	Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.

16- Other Information

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.	
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