

Effective date: <b>20-04-2013</b>	Hy-Labs Cat. No: <u>TT-253</u>	<b>MSDS FORMAT</b>	Replace Doc: NA
Doc. No: <b>MSDS-TT-253</b>		<b>MATERIAL SAFETY DATA SHEET</b>	

<b>1- Product and Company Identification</b>	
<b>Product Name</b>	<b>Lactose Broth, 9 ml</b>
<b>Reference number</b>	<b>TT-253</b>
<b>Manufacturer</b>	<b>Hy-Laboratories Ltd.</b> Park Tamar, Rehovot, 76326, Israel Tel: 972-8-9366475 Fax: 972-8-9366474
<b>2- Composition, Information on Ingredients</b>	
Chemical characterization	Mixture
Dangerous Components	Void
<b>3- Hazard Specifications</b>	
<b>Classification according to Directive 67/548/EEC or Directive 1999/45/EC</b> - This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200, the Canada's Workplace Hazardous Materials Information System (WHMIS) and the European Directive 67/548/EEC and 1999/45/EC	
<b>Information concerning particular hazards for human and environment</b> - Not applicable	
<b>Classification system</b> - The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data	
<b>Labelling according to EU guidelines</b> - Observe the general safety regulations when handling chemicals The product is not subject to identification regulations pertaining to regulations on hazardous materials. This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR), and the MSDS contains all of the information required by the CPR	
<b>4- First Aid Measures</b>	
<b>General information</b>	No special measures required
<b>After inhalation</b>	Supply fresh air; consult doctor in case of complaints
<b>After skin contact</b>	Immediately wash with water and soap and rinse thoroughly
<b>After eyes contact</b>	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor
<b>After swallowing</b>	If symptoms persist consult doctor
<b>5- Firefighting Measures</b>	
<b>Extinguishing Media</b>	CO <sub>2</sub> , ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam
<b>Protective equipment</b>	No special measures required
<b>6- Accidental Release Measures</b>	
<b>Personal precautions, protective equipment and emergency procedures</b>	Not required
<b>Environmental precautions</b>	Wipe up with damp sponge or mop
<b>Methods and material for containment and cleaning up</b>	No special measures required

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<b>Reference to other sections</b>		No dangerous substances are released	

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<b>7- Handling and Storage</b>	
<b>Handling</b>	<b>Liquid</b>
<b>Precautions for safe handling</b>	<b>No special measures required</b>
<b>Information about protection against explosions and fires</b>	<b>No special measures required</b>
<b>Storage</b>	<b>15-25° C</b>
<b>Information about storage in one common storage facility</b>	<b>Store away from oxidizing agents</b>
<b>Further information about storage conditions</b>	<b>Store in cool, dry conditions in well sealed containers</b>
<b>8- Exposure Controls, Personal Protection</b>	
<b>Additional information about design of technical systems</b>	No further data; see Section 7
<b>Components with limit values that require monitoring at the workplace</b>	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace
<b>Additional information</b>	The lists that were valid during the creation were used as basis
<b>General protective and hygienic measures</b>	The usual precautionary measures for handling chemicals should be followed
<b>Breathing equipment</b>	In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator
<b>Protection of hands</b>	Chemical resistant gloves (i.e. nitrile, or equivalent)
<b>Eye protection</b>	Safety glasses
<b>Body protection</b>	Protective work clothing (lab coat)
<b>9- Physical and Chemical Properties</b>	
<b>Form</b>	Liquid
<b>Color</b>	Light to medium amber
<b>Odour</b>	Characteristic
<b>Auto igniting</b>	Product is not self igniting
<b>Danger of explosion</b>	Product does not present an explosion hazard
<b>10- Stability and Reactivity</b>	
<b>Thermal decomposition / conditions to be avoided</b>	No decomposition if used according to specifications
<b>Hazardous decomposition products</b>	No dangerous decomposition products known
<b>11- Toxicological Information</b>	
<b>Acute toxicity on the skin</b>	No irritating effect
<b>Acute toxicity on the eye</b>	No irritating effect
<b>Sensitization</b>	No sensitizing effects known
<b>Additional toxicological information</b>	The product is not subject to OSHA classification according to internally approved calculation methods for preparations. When used and handled according to

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	specifications, the product does not have any harmful effects according to our experience and the information provided to us
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### 12- Ecological Information

<b>Acquatic toxicity</b>	No further relevant information available
<b>Ecotoxic effects other information</b>	The ecological effects have not been thoroughly investigated, but currently none have been identified
<b>Additional ecological information general notes</b>	Generally not hazardous for water

### 13- Disposal Information

<b>Waste treatment methods - recommendation</b>	Smaller quantities can be disposed of with solid waste. Must adhere to official regulations
<b>Uncleaned packagings - recommendation</b>	Disposal must be made according to state and federal regulations
<b>Recommended cleansing agent</b>	Water, if necessary with cleansing agents

### 14- Transport Information

DOT regulations: Hazard class: -  
 TDG class: -  
 IMDG Class: -  
 Marine pollutant: No  
 Air transport ICAO-TI and IATA-DGR: ICAO/IATA Class: -

### 15- Regulatory Information

TSCA (Toxic Substances Control Act)	
9002-18-0	Agar
63-42-3	Lactose
497-19-8	Sodium carbonate
Canadian Domestic Substance List (DSL)	
9002-18-0	Agar
63-42-3	Lactose
497-19-8	Sodium carbonate

### 16- Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company or any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we can not guarantee that these are the only hazards that exist