

Effective date: 27-03-2014	Hy-Labs Cat. No: LD-500	MSDS FORMAT	MATERIAL SAFETY DATA SHEET	Replace Doc: NA
Doc. No: MSDS-LD-500				

1- Product and Company Identification	
Product Name	Cetrimide agar
Reference number	LD-500
Manufacturer	Hy-Laboratories Ltd. Park Tamar, Rehovot, 76326, Israel Tel: 972-8-9366475 Fax: 972-8-9366474
2- Composition, Information on Ingredients	
Ingredients Name	Cas #
Magnesium Chloride	7786-30-3
Potassium Chloride	7447-40-7
3- Hazard Specifications	
This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by 29 CFR 1910.1200 (USA), WHMIS (Canada) and 91/155/EEC and 93/112/EC (Europe).	
4- First Aid Measures	
Ingestion: If swallowed, wash out mouth with water, provided person is conscious. Never give anything by mouth to an unconscious person. Seek medical attention.	
Inhalation: If inhaled, supply fresh air or oxygen. Seek medical attention. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen.	
Eye Contact: Rinse opened eye for at least 15 minutes under running water, lifting lower and upper eyelids occasionally. Seek medical attention.	
Skin Contact: Remove contaminated clothing. Immediately wash with plenty of soap and water for at least 15 minutes. Seek medical attention. Wash clothing before reuse.	
Ingestion: If swallowed, wash out mouth with water, provided person is conscious. Never give anything by mouth to an unconscious person. Seek medical attention.	
5- Fire Fighting Measures	
Extinguishing Media	Use alcohol foam, dry chemical, or carbon dioxide. Water may be ineffective
Protective equipment	No special measures required.
6- Accidental Release Measures	
Personal Precautions: Shut off all sources of ignition, ventilate spill area. Wear suitable protective clothing, gloves, and eye protection. Wear self-containing breathing apparatus, rubber boots, and heavy rubber gloves. Place contaminated material in a chemical waste container .	
Environmental Precautions: Prevent dispersion of material. Do not allow to enter drains or water courses. Water runoff can cause environmental damage	
Clean-up Methods: Contact safety officer and ventilate area. Absorb spill with inert material, including dry-lime, sand, or soda ash, then place into a chemical waste container using non-sparking tools. Wash spill site .	

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7- Handling and Storage	
Handling	No special measure required.
Storage	2-8°C
8- Exposure Controls, Personal Protection	
Engineering controls	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
General hygiene measures	The usual precautionary measures are to be adhered to when handling chemicals.
Personal Protective Equipment	General protective and hygienic measures – The usual precautionary measures for handling chemicals should be followed. Hands- Chemical resistant gloves Eyes- Safety glasses. Clothing- Protective work cloth.
9- Physical and Chemical Properties	
Form	Soild
Color	Light Amber
10- Stability and Reactivity	
Stability	No decomposition is used according to specifications
Hazardous decomposition products	No dangerous reactions known.
11- Toxicological Information	
Primary irritant effect	Skin- No irritating effect Eye- No irritating effect Sensitization- No sensitizing effects known. Additional toxicological information- The product shows the following danger according to the calculation method of General EU Classification Guidelines for Preparation as issued in the latest version..
12- Ecological Information	
Ecotoxicity Tests: LC50 / 48 hours: 7,700 mg/L, <i>Leuciscus idus</i> (Golden orfe) (Magnesium Chloride) LC50 / 96 hours: 880 mg/L, <i>Pimephales promelas</i> (fathead minnow) (Potassium Chloride).	
13- Disposal Information	
Waste Disposal Method	Dispose in accordance with all applicable federal, state, and local environmental regulations. Keep waste separate. Contact a licensed professional waste disposal service to dispose of this material if questions arise. Do not allow product to reach ground water, water bodies, or sewage system.
14- Transport Information	
If a dashed line appears in the Hazard Class section for the type of the transportation, this indicates the product is not regulated for transportation.	

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15- Regulatory Information

Safety Phrases	<p>Magnesium Chloride: S 22 / 24 / 25, Do not breathe dust. Avoid contact with skin and eyes.</p> <p>Potassium Chloride: S 22 / 24 / 25, Do not breathe dust. Avoid contact with skin and eyes.</p>
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16- Other Information

For In-Vitro use only.
The information in this MSDS is based on current and reliable sources but does not purport to be all inclusive and shall be used only as a guide.