

Effective date: 20-04-2013	Hy-Labs Cat. No: <u>LD-531</u>	MSDS FORMAT	MATERIAL SAFETY DATA SHEET	Replace Doc: NA
Doc. No: MSDS-LD-531				

1- Product and Company Identification	
Product Name	M- H PC Agar Base
Reference number	LD-531
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 #
Glycerol	56-81-5
3- Hazard Specifications	
Classification according to Directive 67/548/EEC or Directive 1999/45/EC	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
Information concerning particular hazards for human and environment:	Not applicable
Classification system	The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data
Labelling according to EU guidelines	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
4- First Aid Measures	
General information	Consult a physician. Show this safety data sheet to the doctor in attendance
After inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician
After skin contact	Wash off with soap and plenty of water. Consult a physician
After eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
After swallowing	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician
Information for doctor	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
5- Fire Fighting Measures	

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Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or CO ₂
Special hazards arising from the substance or mixture	Carbon oxides
Advice for firefighters	Wear self contained breathing apparatus for fire fighting if necessary

6- Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. For personal protection see section 8
Environmental precautions	Wipe up with damp sponge or mop. Do not let product enter drains
Methods and materials for containment and cleaning up	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal
Reference to other sections	For disposal see section 13

7- Handling and Storage

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For precautions see section 2.2
Information about protection against explosions and fires	No special measures required
Storage	2-8° C
Information about storage in one common storage facility	Store away from oxidizing agents
Further information about storage conditions	None

8- Exposure Controls and Personal Protection

Appropriate engineering controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday
Personal protective equipment - Eye/face protection	Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)
Personal protective equipment - Skin protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it <u>Full contact</u> Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested: Dermatril® (KCL 740/Aldrich Z677272, Size

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	<p>M) <u>Splash contact</u> Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M) If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario</p>
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Personal protective equipment - Body Protection	impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace
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General protective and hygienic measures	The usual precautionary measures for handling chemicals should be followed
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Personal protective equipment - Respiratory protection	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator
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Control of environmental exposure	Do not let product enter drains
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9- Physical and Chemical Properties

Physical state	Solid
Color	Light Amber
Odour	Characteristic
Solubility in / Miscibility with water	Soluble

10- Stability and Reactivity

Chemical stability	Stable under recommended storage conditions
Incompatible materials	Strong bases, Strong oxidizing agents
Hazardous decomposition products	Other decomposition products - no data available. In the event of fire: see section 5
Thermal decomposition / conditions to be avoided	No decomposition if used according to specifications

11- Toxicological Information

Acute toxicity	LD50 Oral - rat - 12.600 mg/kg LD50 Dermal - rabbit - > 10.000 mg/kg
Skin corrosion/irritation	Skin - rabbit Result: Mild skin irritation - 24 h

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Serious eye damage/eye irritation	Eyes - rabbit Result: Mild eye irritation - 24 h
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

12- Ecological Information

Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Additional ecological information - General notes	Generally not hazardous for water

13- Disposal Information

Waste treatment methods - Recommendation	Smaller quantities can be disposed of with solid waste. Must adhere to official regulations
Uncleaned packagings - Recommendation	Disposal must be made according to state and federal regulations
Recommended cleansing agent	Water, if necessary with cleansing agents
Waste treatment methods	Offer surplus and non-recyclable solutions to a licensed disposal company
Contaminated packaging	Dispose of as unused product

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)	All ingredients are listed
TLV (Threshold Limit Value established by ACGIH)	7631-90-5 sodium bisulfite
Canadian Domestic Substance List (DSL)	All ingredients are listed
Water hazard class	Generally not hazardous for water

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