






Effective date: 19-10-2013	Hy-Labs Cat. No: <u>LD-505</u>	MSDS FORMAT	Replace Doc: NA
Doc. No: MSDS-LD-505		MATERIAL SAFETY DATA SHEET	

1- Product and Company Identification	
Product Name	M-PA Agar
Reference number	LD-505
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 #
sodium chloride	7647-14-5
sodium thiosulfate	7772-98-7
ferric ammonium citrate	1185-57-5
3- Hazard Specifications	
Classification according to Directive 67/548/EEC or Directive 1999/45/EC	 Xi; Irritant R36/37/38: Irritating to eyes, respiratory system and skin.
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	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
Code letter and hazard designation of product	Xi Irritant
Hazard-determining components of labelling	sodium chloride sodium thiosulfate ferric ammonium citrate
Risk phrases	36/37/38 Irritating to eyes, respiratory system and skin
Safety phrases	7 Keep container tightly closed 22 Do not breathe dust 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice 36 Wear suitable protective clothing
NFPA ratings (scale 0-4)	Health = 1 Fire = 0 Reactivity = 0 
HMIS ratings (scale 0-4)	Health = 1 Fire = 0 Reactivity = 0 

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4- First Aid Measures	
General information	No special measures required
After inhalation	Supply fresh air; consult doctor in case of complaints
After skin contact	Immediately wash with water and soap and rinse thoroughly
After eye contact	Rinse opened eye for 15 minutes under running water. Then consult a doctor
After swallowing	If symptoms persist consult doctor
Information for doctor	Show this product label or this MSDS
5- Fire Fighting Measures	
Suitable extinguishing agents	CO ₂ , ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam
Protective equipment	No special measures required
6- Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	Not required
Environmental precautions	No special measures required
Methods and material for containment and cleaning up	No special measures required
7- Handling and Storage	
Handling	
Precautions for safe handling	No special measures required
Information about protection against explosions and fires	No special measures required
Storage	2-8°C
8- Exposure Controls, Personal Protection	
Additional information about design of technical systems	No further data; see Section 7
Components with limit values that require monitoring at the workplace	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace
Additional information	The lists that were valid during the creation were used as basis
General protective and hygienic measures	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin
Breathing equipment	In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator
Protection of hands	  Chemical resistant gloves (i.e. nitrile, or equivalent)
Eye protection	Safety glasses
Body protection	Protective work clothing (lab coat)

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9- Physical and Chemical Properties	
Physical state	Solid
Color	Red-Orange
10- Stability and Reactivity	
Thermal decomposition / conditions to be avoided	No decomposition if used according to specifications
Hazardous decomposition products	Chlorine (Cl)
11- Toxicological Information	
Primary irritant effect	
on the skin:	Irritant to skin and mucous membranes
on the eye:	Irritating effect
Sensitization:	No sensitizing effects known
Additional toxicological information:	The product shows the following dangers according to internally approved calculation methods for preparations: Irritant
12- Ecological Information	
Acquatic toxicity	No further relevant information available
Ecotoxic effects - Other information	The ecological effects have not been thoroughly investigated, but currently none have been identified
Additional ecological information - General notes	Not known to be hazardous to 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
14- Transport Information	
DOT regulations: Hazard class: -	
TDG (Transport dangerous goods): TDG class: -	
Maritime transport IMDG: IMDG Class: -	
Marine pollutant: No	
Air transport ICAO-TI and IATA-DGR: ICAO/IATA Class: -	
15- Regulatory Information	
SARA Section 355 (extremely hazardous substances)	None of the ingredients is listed
SARA Section 313 (specific toxic chemical listings)	None of the ingredients is listed
TSCA (Toxic Substances Control Act)	7487-88-9 magnesium sulfate 7647-14-5 sodium chloride

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	7772-98-7 sodium thiosulfate 56-87-1 Lysine 8013-01-2 yeast extract 57-50-1 sucrose 58-86-6 xylose, pure 63-42-3 lactose 1185-57-5 ferric ammonium citrate 143-74-8 phenol red
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Carcinogenic categories

NTP (National Toxicology Program)	None of the ingredients is listed
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TLV (Threshold Limit Value established by ACGIH)	57-50-1 sucrose
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Canadian Substance Listing

Canadian Domestic Substance List (DSL)	7487-88-9 magnesium sulfate 7647-14-5 sodium chloride 7772-98-7 sodium thiosulfate 56-87-1 Lysine 8013-01-2 yeast extract 57-50-1 sucrose 58-86-6 xylose, pure 63-42-3 lactose 1185-57-5 ferric ammonium citrate 143-74-8 phenol red
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Canadian Ingredient Disclosure List (limit 0.1%)	None of the ingredients is listed
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Canadian Ingredient Disclosure List (limit 1%)	None of the ingredients is listed
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16- Other Information

To the best of our knowledge, the information contained herein is accurate. However, Hy Laboratories does not assume 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