

Effective date: 24/08/23	Hy-Labs Cat. No: CD013	MSDS FORMAT	
Doc. No: MSDS-CD013		MATERIAL SAFETY DATA SHEET	Replace Doc: NA

1- Product and Company Identification	
Product Name	SDA + LECITHIN+ POLYSORBATE 80 (IRRADIATED)
Reference number	CD013
Identified uses	For the detection of Y&M
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 #
Lecithin	8002-43-5
Polysorbate 80	9005-65-6
SABOURAUD DEXTROSE AGAR	Chemical characterization: Mixture, Dangerous Components: Void Detailed in section 15.
AGAR, BACTERIOLOG', EUROPEAN	9002-18-0
CITRIC ACID	77-92-9
CATALASE SOLUTION	9001-05-2
3- Hazard Specifications	
Classification of the substance or mixture: 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. Void 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. · Label elements 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. NFPA ratings (scale 0-4) Health = 0 Fire = 0 Reactivity = 0 · HMIS ratings (scale 0-4) Health = 0 Fire = 0 Reactivity = 0 Information for Lecithin & Polysorbate 80 - Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Potential Chronic Health Effects: Carcinogenic effects- Not available. Mutagenic effects- Not available. Teratogenic effects- Not available. Developmental toxicity- Not available.	
4- First Aid Measures	

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General information ·		No special measures required.	
After inhalation		Seek medical treatment in case of complaints.	
After skin contact ·		Immediately wash with water and soap and rinse thoroughly.	
After eye contact ·		Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.	
After swallowing ·		If symptoms persist consult doctor.	
Information for doctor		Show this product label or this MSDS.	
Information for Lecithin & Polysorbate 80		Skin Immediately flush skin thoroughly with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes, Seek medical advice. Eyes Remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at list 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Seek medical advice. Inhalation Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice immediately. Ingestion Seek medical advice immediately. Do not induce vomiting unless directed to do so by medical personnel	
5- Fire Fighting Measures			
· Suitable extinguishing agents: CO2, 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: Wipe up with damp sponge or mop. · Methods and material for containment and cleaning up: No special measures required. · Reference to other sections No dangerous substances are released. · Spill Use appropriate tools to put the spilled solid in a convenient waste disposal container. Do not get water inside container. Do not touch spilled material. Prevent entry into sewers.			
7- Handling and Storage			
· Handling: Precautions for safe handling No special measures required. · Information about protection against explosions and fires: No special measures required. · Requirements to be met by storerooms and receptacles: 2-25°C · Information about storage in one common storage facility: Store away from oxidizing agents. · Further information about storage conditions: Store in cool, dry conditions in well-sealed containers. · Precautions Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. · Storage Store at 2-25°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. · Personal Protective Equipment · General protective and hygienic measures the usual precautionary measures for handling chemicals should be			
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followed.

· 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)

· **Engineering controls** Eyewash facility and Safety shower. Use engineering controls to keep airborne levels low.

· **General hygiene measures** Keep away from foodstuff, beverage and feed. Wash contaminated clothing before reuse. Discard contaminated shoes. Wash thoroughly after handling. Avoid contact with eyes and skin.

· **Personal Protective Equipment**

Respiratory- Chemical fume hood, or full-face supplied air respirator.

Hands- Compatible chemical resistant gloves.

Eyes- Chemical safety goggles.

Clothing- Wear appropriate protective clothing (Lab coat) to prevent skin exposure

special protective measures- Face shield

9- Physical and Chemical Properties

· **General Information**

· **Appearance:**

Form: Solid.

Color: Beige

Odor: Characteristic

· **pH**-value at 25°C (77 °F): 5.6+/-0.2

· Change in condition Undetermined

· **Melting** point/Melting range: Not determined

· **Boiling** point/Boiling range: Not determined

· Flash point: Not applicable

· Auto igniting: Product is not self-igniting.

· Danger of explosion: Product does not present an explosion hazard.

· Density: Not determined

· Solubility in / Miscibility with Water: Soluble

10- Stability and Reactivity

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· Hazardous decomposition products: No dangerous decomposition products known.

· Stability No decomposition is used according to specifications

11- Toxicological Information

· **Acute toxicity:**

· Primary irritant effect:

· Primary irritant effect Skin- No irritation effect

· On the eye: Eye- It may cause eye irritation.

· Sensitization: No sensitizing effects known.

· Additional toxicological information:

The product is not subject to OSHA classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Chronic Effects on Humans- Not available.

12- Ecological Information

· Aquatic toxicity: No further relevant information available.

· Ecotoxicological effects:

· Other information: The ecological effects have not been thoroughly investigated, but currently none have been identified.

· Additional ecological information:

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· General notes: Generally not hazardous for water.

13- Disposal Information

· Waste treatment methods

· Recommendation

Smaller quantities can be disposed of with solid waste. Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements. This product is not considered a RCRA hazardous waste.

· Uncleaned packaging:

· 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: -

· Land transport ADR/RID (cross-border)

· ADR/RID class: -

· Maritime transport IMDG:

· IMDG Class: -

· Marine pollutant: No

· Air transport ICAO-TI and IATA-DGR:

· ICAO/IATA Class: -

· Transport/Additional information: If a dashed line appears in the Hazard Class section for the type of transportation, this indicates the product is not regulated for transportation.

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)

50-99-7 dextrose

9002-18-0 agar

8013-01-2 yeast extract

77-92-9 citric acid

7487-88-9 magnesium sulfate

7758-98-7 copper sulfate

· California Proposition 65 - Chemicals known to cause cancer None of the ingredients is listed.

· California Proposition 65 - Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· California Proposition 65 - Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· California Proposition 65 - Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenic categories

· NTP (National Toxicology Program) None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH) None of the ingredients is listed.

· National regulations

· Water hazard class: Generally, not hazardous for water.

· Safety Phrases Keep container tightly closed. Observe the general safety regulation.

16- Other Information

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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.			