



Effective date: <b>27-08-2023</b>	Hy-Labs Cat. No: PD148	<b>MSDS FORMAT</b>	 Replace Doc: NA
Doc. No: <b>MSDS-PD148</b>		<b>MATERIAL SAFETY DATA SHEET</b>	

1- Product and Company Identification	
Product Name	SDA IRRADIATED
Reference number	PD-148
Manufacturer	<b>Hy-Laboratories Ltd.</b> Park Tamar, Rehovot, 76326, Israel Tel: 972-8-9366475 Fax: 972-8-9366474
2- Composition, Information on Ingredients	
Ingredients Name	Cas #
SABOURAUD DEXTROSE AGAR	Chemical characterization: Mixture, Dangerous Components: Void Detailed in section 15.
AGAR, BACTERIOLOG', EUROPEAN	9002-18-0
KH <sub>2</sub> PO <sub>4</sub> Potassium phosphate monobasic	7778-77-0
CITRIC ACID	77-92-9
CATALASE SOLUTION	9001-05-2
3- Hazard Specifications	
This product contains no hazardous constituents or the concentration for all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 cfr 1910.1200 and the European Directive 91/155/EEC, and 93/112/EC. Information pertaining to particular for man and environment- Not applicable.	
4- First Aid Measures	
<b>Skin</b>	Immediately wash with water and soap and rinse thoroughly.
<b>Eyes</b>	Rinse open eye for several minuts under running water. If symptoms persist, consult doctor.
<b>Inhalation</b>	Seek medical treatmant in case of complaints.
<b>Ingestion</b>	If symptoms persist consult doctor.
5- Fire Fighting Measures	
· <b>Suitable extinguishing agents:</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.	
6- Accidental Release Measures	
· <b>Personal precautions:</b> protective equipment and emergency procedures 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. · <b>Reference to other sections:</b> No dangerous substances are released. · <b>Spill:</b> 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	
· <b>Handling:</b> Precautions for safe handling No special measures required. · <b>Information about protection against explosions and fires:</b> No special measures required. · <b>Information about storage in one common storage facility:</b> Store away from oxidizing agents. · <b>Further information about storage conditions:</b> Store in cool, dry conditions in well-sealed containers. · <b>Precautions:</b> Keep away from heat. Keep away from sources of ignition. · <b>Storage Store</b> at 2-25°C	

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**8- Exposure Controls, Personal Protection**

**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**

**Physical state:** Solid  
**Color:** Beige

**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 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**

**Ecological measures:** The ecological effects have not been thoroughly investigated, but currently none have been Identifies.

**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**

**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**

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

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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.