

Effective date: <b>08/07/24</b>	Hy-Labs Cat. No:	<b>MSDS FORMAT</b>	Replace Doc: NA
Doc. No: <b>MSDS- PD179</b>	<b>PD179</b>	<b>MATERIAL SAFETY DATA SHEET</b>	

1- Product and Company Identification	
Product Name	LB AGAR
Reference number	PD179
Manufacturer	Hy-Laboratories Ltd. Park Tamar, Rehovot, 76326, Israel Tel: 972-8-9366475 Fax: 972-8-9366474
2- Hazards identification	
<b>2.1 Classification of the substance or mixture</b> CLP Classification-Regulation (EC) No. 1272/2008[EU- GHS/CLP] Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008.	
<b>2.2 Label elements</b> Labeling according to Regulation (EC) No.1272/2008 The product does not need to be labelled in accordance with EC directives or respective national laws .	
<b>2.3 Other Hazards - None</b>	
3- Composition/information on ingredients	
<b>3.2 .Mixtures</b> The components of this mixture need not be disclosed as per the regulations. All ingredients in this mixture are nonhazardous.	
4- First Aid Measures	
<b>4.1 Description of first aid measures</b> <b>General advice</b> Consult a physician. Show this safety data sheet to the doctor in attendance . <b>If inhaled</b> If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician . <b>In case of skin contact</b> Wash off with soap and plenty of water. Consult a physician . <b>In case of eye contact</b> Rinse immediately with plenty of water for at least 15 minutes. Consult a physician . <b>If swallowed</b> Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician . <b>4.2 Most important symptoms and effects, both acute and delayed</b> No data available . <b>4.3 Indication of immediate medical attention and special treatment needed</b> No data available	
5- Fire Fighting Measures	
<b>5.1Extinguishing media</b> Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide . Unsuitable extinguishing media No data available . <b>5.2 Special hazards arising from the substance or mixture</b> Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas, Sodium oxides <b>5.3 Precautions for fire-fighters</b> Wear self contained breathing apparatus for fire fighting if necessary <b>5.4 Further information</b> No data available	
6- ACCIDENTAL RELEASE MEASURES	
<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	

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Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.  
Evacuate personnel to safe areas.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

#### 6.3 Methods and materials for containment and cleaning up

Soak up with inert adsorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For disposal see Section 13.

### 7- Handling and Storage

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection .

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage .

Recommended Storage Temperature : On receipt store between 2-25°C

#### 7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

### 8- Exposure Controls, Personal Protection

#### 8.1 Control parameters

Components with workplace control parameters

#### 8.2 Exposure controls

##### Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the products .

##### Personal protective equipment

##### Hygiene measure

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product .

##### Eye/face protection

Tightly fitting safety goggles; Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU) .

##### 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 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 2016/425/EEC and the standard EN ISO 374-1/2016 derived from it .

##### Body protection

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace .

##### 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) .

##### Environment exposure controls

Do not empty into drains.

### 9- Physical and Chemical Properties

#### 9.1 Information on basic physical and chemical properties

##### Appearance

Sterile glass bottle containing sterile solid medium.

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Yellow to Amber coloured medium

**Odour**

No data available

**Odour Threshold**

No data available

**pH** 6.80 - 7.20

**Melting/freezing point**

No data available

Initial boiling point and boiling range

No data available

Flash point

No data available

Flammability (Solid, gas)

No data available

Vapour pressure

No data available

Relative density

No data available

Water Solubility

No data available

Partition coefficient: n-octanol/water

No data available

Autoignition Temperature

No data available

Viscosity

No data available

Explosive properties

No data available

Oxidizing properties

No data available

Vapour density

No data available

Thermal decomposition

No data available

**9.2 Other safety information**

No data available

## 10- Stability and Reactivity

**10.1 Reactivity**

No data available

**10.2 Chemical stability**

No data available

**10.3 Possibility of hazardous reactions**

No data available

**10.4 Conditions to avoid**

No data available

**10.5 Incompatible materials**

No data available

**10.6 Hazardous decomposition products**

Refer Section 5.2

## 11- Toxicological Information

**11.1 Information on toxicological effects**

**Acute toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**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.

**Reproductive toxicity**

No data available

**Specific target organ toxicity- single exposure**

No data available

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**Aspiration hazard**  
No data available

**Potential Health Effects**

**Inhalation**  
REFER SECTION 2

**Skin**  
REFER SECTION 2

**Eyes**  
REFER SECTION 2

**Ingestion**  
REFER SECTION 2

**Additional Information**  
RTECS : No data available

**12- Ecological Information**

**12.1 Toxicity**  
No data available

**12.2 Persistence and degradability**  
No data available

**12.3 Bioaccumulative potential**  
No data available

**12.4 Mobility in soil**  
No data available

**12.5 PBT and vPvB assessment**  
This substance or mixture contains no components considered to be persistent, bioaccumulating nor toxic (PBT) at levels of 0.1% or higher.

**12.6 Other adverse effects**  
No data available

**13- Disposal Considerations**

**13.1 Waste treatments methods**  
**Product**  
Offer surplus and non- recyclable solutions to a licenced company. Contact a licenced professional waste disposal service to dispose off this material.

**13.2 Contaminated packaging**  
Dispose of as unused product.

**14- Transport Information**

**14.1 UN-No**  
ADNR : ADR : IATA\_C : IATA\_P : IMDG : RID :

**14.2 UN proper shipping name**  
ADNR : Not dangerous goods  
ADR : Not dangerous goods  
IATA\_C : Not dangerous goods  
IATA\_P : Not dangerous goods  
IMDG : Not dangerous goods  
RID : Not dangerous goods

**14.3 Transport hazard class(es)**  
ADNR : - ADR : - IATA\_C : - IATA\_P : - IMDG : - RID- :

**14.4 Packaging group**  
ADNR : ADR : IATA\_C : IATA\_P : IMDG : RID :

**14.5 Environmental hazards**  
ADNR : No ADR : No IMDG : Marine Pollutant No IATA\_C : No IATA\_P : No RID : No

**14.6 Special precautions for use**  
No data available

**15- Regulatory Information**

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

**15.1 Safety health and environment regulations/legislation specific for the substance or mixture**

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No data available  
**15.2 Chemical Safety Assessment**  
 No data available

#### 16- Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.