


Effective date: 20/11/25	Hy-Labs Cat. No: TT255	MSDS FORMAT	
Doc. No: MSDS-TT255		MATERIAL SAFETY DATA SHEET	Replace Doc: NA

1- Product and Company Identification

Product Name	LAURYL TRYPTOSE BROTH
Reference number	TT255
Identified uses	Detection of coliforms in water and waste water.
Manufacturer	Hy-Laboratories Ltd. Park Tamar, Rehovot, 76326, Israel Tel: 972-8-9366475 Fax: 972-8-9366474

2- HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]

Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008.

2.2 Label elements

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.

2.3 Other Hazards

None

3- COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture

Component	Classification	Concentration
Sodium lauryl sulphate (SLS)		
CAS No. : 151-21-3	As Per EC Regulation 1272/2008	>=0.1 - <=1.0%
EC No. : 205-788-1	Flam. Sol. 2; Acute Tox.oral 4; Acute Tox. dermal. 3; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3 H228; H302; H311; H315; H319; H335	

4- First Aid Measures

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.

If swallowed


Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of immediate medical attention and special treatment needed

No data available

Effective date: 20/11/25	Hy-Labs Cat. No: TT255	MSDS FORMAT	
Doc. No: MSDS-TT255		MATERIAL SAFETY DATA SHEET	Replace Doc: NA

5- Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media

No data available.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, Hydrogen chloride gas, Sodium oxides, Oxides of phosphorus, Potassium oxides

5.3 Precautions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary

5.4 Further information

No data available

6- Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, 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 vapor 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 15-25°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

Effective date: 20/11/25	Hy-Labs Cat. No: TT255	MSDS FORMAT	
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(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

Physical state	Liquid
Color	Light Amber
Odour	No data available
Odour Threshold	No data available
pH	6.60 - 7.00
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

Effective date: 20/11/25	Hy-Labs Cat. No: TT255	MSDS FORMAT	
Doc. No: MSDS-TT255		MATERIAL SAFETY DATA SHEET	Replace Doc: NA

Refer Section 5.2. Other Decomposition products not known.

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 sensitization

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

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

11.2 Components

Sodium Lauryl Sulphate

Acute oral toxicity

Rat LD50: 1,427 mg/kg (As Per OECD Test Guideline 401)

Acute dermal toxicity

Rabbit LD50: > 2,000 mg/kg

Skin irritation

Rabbit Result: Irritations (As Per OECD Test Guideline 404)

Eye irritation

Rabbit Result: Irreversible effects on the eye
(As Per OECD Test Guideline 405)

Sensitisation

Guinea Pig Maximisation Test (GPMT)

Result :Negative (As Per IUCLID)

Ames test

Salmonella Typhimurium


Result: Negative (As Per OECD Test Guideline 471)

Mutagenicity (mammal cell test)

Mouse lymphoma test

Result: Negative (As Per OECD Test Guideline 476)

Additional information:

Effective date: 20/11/25	Hy-Labs Cat. No: TT255	MSDS FORMAT	
Doc. No: MSDS-TT255		MATERIAL SAFETY DATA SHEET	Replace Doc: NA

RTECS WT1050000

12- Ecological Information

12.1 Toxicity

No data available for this mixture

Components:

Sodium Lauryl Sulphate

Toxicity to fish

Pimephales promelas (fathead minnow) LC50: 29 mg/l; 96 h

(As Per OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates

Daphnia magna (Water flea) EC50: 6 mg/l; 48 h (As Per IUCLID)

Toxicity to algae

Desmodesmus subspicatus(green algae) Static test:EC50:

53 mg/l; 72h

Toxicity to bacteria

Photobacterium phosphoreum (formerly known as V. fischeri) Microtox test: EC50: 0.46 mg/l; 30 min (As Per IUCLID)

Activated sludge EC50:130 mg/l; 3 h (As Per OECD Test Guideline 209)

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 Information

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

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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

No data available

15.2 Chemical Safety Assessment

No data available

16- Other Information

For In-Vitro use only.

H228 Flammable solid

H302 Harmful if swallowed

H311 Toxic in contact with skin

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

Acute Tox. dermal. 3 Acute toxicity, dermal, Category 3

Acute Tox.oral 4 Acute toxicity, oral, Category 4

Eye Irrit. 2A Serious eye damage or eye irritation, Category 2A

Flam. Sol. 2 Flammable solids, Category 2

Skin Irrit. 2 Skin corrosion or irritation, Category 2

STOT SE 3 Specific target organ toxicity, single exposure, Respiratory tract irritation, Category 3

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.

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.

This information cannot be considered a guarantee of the properties of the product; it is simply a description of the security requirements.

The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products.