

1: Identification of substance / mixture

1. Product Identifier

Mixture

Product Name **LB AGAR, Low Salt, Granulated**

Product Code L24033

CAS Number

Other Names Lennox LB Agar Granulated
GL1705

IUPAC

MFCD Number

EC/EINECS

REACH Number

Index-No

2. Relevant identified uses of the substance or mixture and uses advised against

Research and Development

3. Details of the supplier of the safety data sheet

Melford Laboratories Ltd
Bildeston Road, Chelsworth

Ipswich

Suffolk

IP77LE

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Telephone: 01449 741178

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Email: support@melford.co.uk

MELFORD

4. Emergency telephone number

+44(0)1449 741178 -

2. Hazards Identification

1. Classification of the substance or mixture

Non Hazardous

2. Label elements

Non Hazardous

Hazard Statements

Non Hazardous

Precautionary Phrases

Non Hazardous

3. Other Hazards

Non Hazardous

3. Composition / Information on Ingredients

2. Mixtures

| Product Name | Hazards | Concentration |
|------------------------|---------|---------------|
| Agar | | |
| CAS Number: 9002-18-0 | | 37.5% |
| Peptone, Casein | | |
| CAS Number: 91079-40-2 | | 31.25% |
| Yeast Extract | | |
| CAS Number: 8013-01-2 | | 15.6% |
| Sodium Chloride | | |
| CAS Number: 7647-14-5 | | 15.6% |

4. First Aid Measures

1. Description of first aid measures

| | |
|---------------------|---|
| <i>Skin Contact</i> | Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear and wash before reuse. Consult a doctor. |
| <i>Eye Contact</i> | Bathe the eye with running water for 15 minutes. Consult a doctor. |
| <i>Ingestion</i> | Wash out mouth with water. Consult a doctor. Do not induce vomiting unless directed to do so by medical personnel. |
| <i>Inhalation</i> | Supply fresh air; consult a doctor in case of complaints. |

2. Most important symptoms and effects

There may be mild irritation at the site of contact.
There may be irritation to mucous membranes and upper respiratory tract.

3. Indication of any immediate medical attention

No additional measures required

5. Firefighting measures

1. Extinguishing Media

Suitable Water spray.
Carbon dioxide.
Alcohol or polymer foam.
Dry chemical powder.

Unsuitable None

2. Special Hazards arising from the substance or mixture

In combustion toxic fumes may form.

3. Advice for Fire Fighters

Wear self-contained breathing apparatus.

6. Accidental Release Measures

1. Personal Precautions

Do not attempt to take action without suitable protective clothing – see section 8 of SDS.

2. Environmental Precautions

Do not discharge into drains or rivers.

3. Methods & Materials

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

4. Preventing the occurrence of secondary hazards.

Clean up all spills immediately. Wear suitable PPE.

7. Handling and Storage

1. Personal Precautions

| | |
|--|--|
| <i>Safe Handling</i> | Ensure there is sufficient ventilation of the area. Use local extraction system where possible. |
| <i>Protection against explosions and fires</i> | No special requirements |

2. Conditions for safe storage, including any incompatibilities

Managing Storage Risks Store in cool, well ventilated area.
Keep away from direct sunlight.
Keep in a dry place.

Storage Controls Keep container tightly closed.

Maintaining Integrity No special requirements

Other advice no further information available

3. Specific End Uses

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes by professionals only.

8. Exposure Controls/Personal Protection

1. Control Parameters

No Data Available

2. Exposure Controls

General protective and hygiene measures The standard precautionary measures should be adhered to when handling
Wash hands during breaks and at the end of handling the material

Engineering measures Ensure there is sufficient ventilation of the area.

Eye / Face Protection Safety Glasses.

Hand protection Protective gloves.

Respiratory protection Respiratory protective device with particle filter.

Skin protection Protective clothing.

Other personal protection advice no data

9. Physical and Chemical Properties

1. Physical and Chemical Properties

| | |
|--|--|
| Appearance | Free flowing light beige granular solid. |
| Odour | characteristic odour |
| Odour threshold | No Data Available |
| PH | No Data Available |
| Melting point / Freezing point | No Data Available |
| Initial boiling point and boiling range | No Data Available |
| Flash point | No Data Available |
| Evaporation rate | No Data Available |
| Flammability(solid,gas) | No Data Available |
| Upper/lower flammability or explosive limits | No Data Available |
| Vapour pressure | No Data Available |
| Vapour density | No Data Available |
| Relative density | No Data Available |
| Solubility(ies): | Soluble in water |
| Partition coefficient: n-octanol/water | No Data Available |
| Auto-ignition temperature | No Data Available |
| Decomposition temperature | No Data Available |
| Viscosity | No Data Available |

| | |
|----------------------|-------------------|
| Explosive properties | No Data Available |
| Oxidising properties | No Data Available |

2. Other Information

No additional information available

10. Stability and Reactivity

1. Reactivity

no unusual reactivity

2. Stability

Stable under normal conditions.

3. Possibility of Hazardous Reactions

no hazardous reactions known

4. Conditions to Avoid

Moist Air.

5. Incompatible Materials

Moist Air.

6. Hazardous Decomposition Products

In combustion emits toxic fumes.

11. Toxicology information

1. Information

Acute Toxicity No information available

Skin corrosion/irritation No information available

*Serious eye
Damage/irritation* No information available

*Respiratory or skin
sensitisation* No information available

Germ Cell mutagenicity No information available

Carcinogenicity No information available

Reproductive toxicity No information available

STOT-single exposure No information available

STOT-repeated exposure No information available

Aspiration hazard No information available

2. Additional

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.
The toxicological properties have not been fully investigated

12. Ecological Information

1. Toxicity

No information available

2. Persistence and degradability

Biodegradable

3. Bio-Accumulative Potential

No information available

4. Mobility and Soil

No information available

5. Results of PBT & vPvB assessment

No information available

6. Other adverse effects

No information available

13. Disposal Considerations

1. Waste Treatment Methods

Disposal Operations Consult state, local or national regulations for proper disposal.

Disposal of Packaging Disposal must be made according to official regulations.

14. Transport Information

Air (ICAO)

Not classified as hazardous for transport

Road (ADR)

Not classified as hazardous for transport

Sea (IMDG)

Not classified as hazardous for transport

15. Safety, health, environmental and national regulations

1. Safety, health, environmental and national regulations:

product is not subject to any additional regulations or provisions

2. Safety Assessment

No Chemical Safety Assessment

16. Other Information

1. Other Information:

ADR: Accord Européen sur le transport des marchandises Dangereuses par Route(European Agreement concerning the International Carriage of Dangerous Goods by road)
RID:Reglement International concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the International Air Transport Association
ICAO:International Civil Aviation Organization
ICAO-TI: Technical Instructions by the ICAO
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CAS:Chemical Abstracts Service

3. Disclaimer

The product listed is for research and development purposes only and not for human or animal use. As such, in most cases, the toxicological, ecological and physicochemical properties have not been fully determined and the product should be treated with respect and always handled under suitable conditions by appropriately qualified personnel. The responsible party shall use this datasheet only in conjunction with other sources of information gathered by them, and should make an independent judgement of suitability, to ensure proper use and protect the health and safety of employees. This information is furnished without warranty and any use of the product not in conformance with this material safety data sheet, or in combination with any other product or process, is the responsibility of the user.