

Section 1 Chemical Product and Company Identification

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CHEMTREC 24 Hour Emergency
Phone Number (800) 424-9300
For laboratory use only.
Not for drug, food or household use.

| | |
|---------|-------------------|
| Product | EMB AGAR (LEVINE) |
|---------|-------------------|

| | |
|----------|------|
| Synonyms | None |
|----------|------|

Section 2 Hazards Identification

Signal word: DANGER
Pictograms: GHS07, GHS08
Target organs: None known



GHS Classification:
Respiratory sensitization (Category 1B)
Eye irritation (Category 2B)
Skin irritation (Category 3)
STOT SE (Category 3)
Acute toxicity, oral (Category 4)

GHS Label information: Hazard statement:

H302: Harmful if swallowed.
H316: Causes mild skin irritation.
H320: Causes eye irritation.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335: May cause respiratory irritation.

Precautionary statement:

P261: Avoid breathing dust.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P284: In case of inadequate ventilation, wear respiratory protection.
P301+P330+P312: IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor if you feel unwell.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. P312: Call a POISON CENTER or doctor if you feel unwell.
P332+P313: If skin irritation occurs: Get medical attention.
P337+P313: If eye irritation persists: Get medical attention.
P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P405: Store locked up.
P501: Dispose of contents/container to a licensed chemical disposal agency in accordance with local/regional/national regulations.

Ca Prop 65: This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.

Section 3 Composition / Information on Ingredients

| Chemical Name | CAS # | % | EINECS |
|--|------------|--------|--|
| Agar | 9002-18-0 | 37.55% | 232-658-1 |
| Peptone (beef) | 91079-38-8 | 27.8% | 293-426-3 |
| Lactose, monohydrate | 64044-51-5 | 27.8% | 200-559-2 [Lactose, anhydrous CAS # 63-42-3] |
| Potassium phosphate, dibasic | 7758-11-4 | 5.55% | 231-834-5 |
| Eosin Y yellowish (C.I. No. 45380) | 17372-87-1 | 1.12% | 241-409-6 |
| Methylene blue chloride (C.I. No. 52015) | 61-73-4 | 0.18% | 200-515-2 |

Section 4 First Aid Measures

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire Fighting Measures

Suitable Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Section 6 Accidental Release Measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Containment and Cleanup: Recover for reuse if not contaminated. Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale dusts. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8 Exposure Controls / Personal Protection

| Exposure Limits: | Chemical Name | ACGIH (TLV) | OSHA (PEL) | NIOSH (REL) |
|------------------|---------------------------------------|-----------------|--------------------------------------|-----------------|
| | Particulates not otherwise classified | Not established | TWA: 15 mg/m ³ total dust | Not established |

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHA-approved respirator.

Section 9 Physical & Chemical Properties

| | | |
|---|--|--|
| Appearance: Light pink/ Light purple Hygroscopic | Evaporation rate (= 1): Data not available | Partition coefficient: Data not available |
| Odor: Characteristic bland odor | Flammability (solid/gas): Data not available | Auto-ignition temperature: Data not available |
| Odor threshold: Data not available | Explosion limits: Lower / Upper: Data not available | Decomposition temperature: Data not available |
| pH: Data not available | Vapor pressure (mm Hg): Data not available | Viscosity: Data not available |
| Melting / Freezing point: Data not available | Vapor density (Air = 1): Data not available | Molecular formula: Natural product |
| Boiling point: Data not available | Relative density (Specific gravity): Data not available | Molecular weight: None |
| Flash point: Data not available | Solubility(ies): Soluble in water | |

Section 10 Stability & Reactivity

Chemical stability: Stable **Hazardous polymerization:** Will not occur.

Conditions to avoid: Excessive temperatures, heat, and moisture. Protect from light.

Incompatible materials: Strong oxidizers and reducing agents.

Hazardous decomposition products: Carbon oxides, nitrogen oxides, and sulfur oxides.

Section 11 Toxicological Information

Acute toxicity: Oral-rat LDLo: 4640 mg/kg [Potassium phosphate, tribasic], Oral-rat LD50: 1180 mg/kg [Methylene blue chloride]

Skin corrosion/irritation: Skin-rabbit LD50: >4640 mg/kg [Potassium phosphate, tribasic]

Serious eye damage/irritation: Draize test: Eye-rabbit: 10 mg - moderate [Potassium phosphate, tribasic]

Respiratory or skin sensitization: Data not available

Germ cell mutagenicity: Data not available

Carcinogenicity: Data not available

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Ca Prop 65: This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.

Reproductive toxicity: Data not available

STOT-single exposure: Data not available

STOT-repeated exposure: Data not available

Aspiration hazard: Data not available

Potential health effects:

Inhalation: May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Inhalation may cause irritation of the eyes, nose, and throat, coughing and choking.

Ingestion: Harmful if swallowed. Ingestion of large doses may cause diarrhea, nausea, cramps, and vomiting.

Skin: Causes mild skin irritation. Repeated or prolonged contact may cause dermatitis.

Eyes: Causes eye irritation. Contact may cause mechanical irritation.

Signs and symptoms of exposure: To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated. Specific data is not available. Exercise appropriate procedures to minimize potential hazards.

Additional information: RTECS #: LM5850000 [Eosin Y Yellowish], TC8450000 [Potassium phosphate, tribasic], SP5740000 [Methylene blue chloride]OD9625000 [Lactose, anhydrous CAS # 63-42-3]

Section 12 Ecological Information

Toxicity to fish: No data available

Toxicity to daphnia and other aquatic invertebrates: No data available

Toxicity to algae: No data available

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

PBT and vPvB assessment: No data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Section 13 Disposal Considerations

These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency.

Section 14 Transport Information (US DOT / CANADA TDG)

UN/NA number: Not applicable

Shipping name: Not Regulated

Hazard class: Not applicable

Packing group: Not applicable

Reportable Quantity: No

Marine pollutant: No

Exceptions: Not applicable

2016 ERG Guide # Not applicable

Section 15 Regulatory Information

A chemical is considered to be listed if the CAS number for the anhydrous form is on the Inventory list.

| Component | TSCA | CERCLA (RQ) | RCRA code | DSL | NDSL |
|-----------------------------|--------|-------------|------------|------------|------------|
| Agar | Listed | Not listed | Not listed | Listed | Not listed |
| Peptones (CAS # 73049-73-7) | Listed | Not listed | Not listed | Not listed | Not listed |
| Lactose | Listed | Not listed | Not listed | Listed | Not listed |
| Potassium phosphate | Listed | Not listed | Not listed | Listed | Not listed |
| Methylene blue chloride | Listed | Not listed | Not listed | Listed | Not listed |

Section 16 Other Information

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program, IARC: International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure, ERG: Emergency Response Guidebook.