

1 Identification of substance:

- **Product details:**
- **Product name:** Lead Acetate Agar
- **Catalog number:** 0088
- **Manufacturer/Supplier:**
Becton, Dickinson and Company
7 Loveton Circle
Sparks, MD 21152
Tel: (410) 771-0100 or (800) 638-8663
- **Information department:** Technical Services

2 Composition/Data on components:

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

1335-32-6	lead acetate	0.55%
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3 Hazards identification

· **Hazard description:**



T Toxic

· **Information pertaining to particular dangers for man and environment**

R 61 May cause harm to the unborn child

· **Classification system**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

· **NFPA ratings (scale 0-4)**



Health = 2
Fire = 0
Reactivity = 0

4 First aid measures

· **After inhalation**

Supply fresh air or oxygen; and immediately call for a doctor.

In case of unconsciousness place patient on side position for transportation.

· **After skin contact** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact** Rinse opened eye for 15 minutes under running water. Then consult a doctor.

· **After swallowing** Call a doctor immediately.

5 Fire fighting measures

· **Suitable extinguishing agents**

CO₂, extinguishing powder or water spray. Fight larger fires with water or alcohol resistant foam.

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- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Wipe up with damp sponge or mop.
- **Measures for cleaning/collecting:** Dispose contaminated material as waste according to item 13.
- **Additional information:**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling**
 - **Information for safe handling:** Open and handle receptacle with care.
 - **Information about protection against explosions and fires:** Keep respiratory protective device available.
- **Storage**
 - **Requirements to be met by storerooms and receptacles:** No special requirements.
 - **Information about storage in one common storage facility:**
Do not store together with oxidizing and acidic materials.
 - **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.

· Personal Protective Equipment

· General protective and hygienic measures

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing
- Wash hands before breaks and at the end of work.
- Store protective clothing separately.

· Breathing equipment:

- In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.

· Protection of hands:



Chemical resistant gloves.

- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing (lab coat).

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9 Physical and chemical properties:

- | | |
|--|---|
| · Form: | Solid. |
| · Color: | According to product specification |
| · Odor: | Characteristic |
| · Change in condition | |
| Melting point/Melting range: | Not determined |
| Boiling point/Boiling range: | Not determined |
| · Flash point: | Not applicable |
| · Auto igniting: | Product is not selfigniting. |
| · Danger of explosion: | Product does not present an explosion hazard. |
| · Density: | Not determined |
| · Solubility in / Miscibility with Water: | Insoluble |
| · Solvent content: | |
| Organic solvents: | 0.0 % |
| · Solids content: | 100.0 % |

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Materials to be avoided:** Incompatible material: strong oxidizers.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
Poisonous
The product shows the following dangers according to internally approved calculation methods for preparations:

12 Ecological information:

- **Ecotoxicical effects:**
- **Other information:**
The ecological effects have not been thoroughly investigated, but currently none have been identified.
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed of with solid waste.
Must adhere to state and federal regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to state and federal regulations.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulations

- **Product related hazard informations:**
The product has been classified and marked in accordance with regulations on hazardous materials.
- **Hazard symbols:**
T Toxic
- **Hazard-determining components of labelling:**
lead acetate
- **Risk phrases:**
61 May cause harm to the unborn child
- **Safety phrases:**
53 Avoid exposure - obtain special instructions before use.
43 In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.
45 In case of accident or if you feel unwell, seek medical advice immediately.
60 This material and its container must be disposed of as hazardous waste.
- **National regulations**
- **Additional classification according to Decree on Hazardous Materials:**
CERCLA: This product does not contain chemicals having a Reportable Quantity (RQ).
SARA 311/312: May be subject to reporting.
313: Not subject to reporting.
TSCA: This product is exempt under TSCA.
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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Material Safety Data Sheet
acc. to ISO/DIS 11014

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16 Other information:

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company or any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

- **Department issuing MSDS:** Safety & Environment Department
- **Contact:** Technical Service Representative

USA