

**Safety Data Sheet****LAB207 Bile Aesculin Agar****Issue: 11/Jan/2005****1. Product and Company Identification**

Product No.: LAB207

Product Name: Bile Aesculin Agar

Manufacturer: LAB M Limited
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2. Composition and Information on Ingredients

Hazardous ingredients:

| Component | CAS number EINECS number | Concentration | Classification | Risk phrases |
|-------------------------|-----------------------------|---------------|----------------|--------------|
| Ferric Ammonium Citrate | 1185-57-5 214-686-6 | 1.1% w/w | - | - |
| Bile Powder | Mixture | 44.9% w/w | Xi | R36/37/38 |

3. Hazard Identification

Most important hazard: Irritating to eyes, respiratory system and skin.

Health hazard > Inhalation: Irritating to the respiratory system.

Health hazard > Skin: May cause irritation.

Health hazard > Eyes: Material will cause irritation.

Health hazard > Ingestion: Material will cause irritation.

4. First Aid Measures

After inhalation: Remove to fresh air; if breathing becomes difficult seek medical advice.

After skin contact: Wash off with copious amounts of water. Repeated or prolonged contact may cause dermatitis.

After eye contact: Flush with copious amounts of water; if irritation persists seek medical advice.

After ingestion: Make victim drink plenty of water to dilute stomach contents; seek medical advice.

5. Fire Fighting Measures

Extinguishing media, suitable : Water spray, Carbon dioxide, dry chemical powder or foam.

6. Accidental Release Measures

Personal precautions: Wear disposable gloves, eye protection, dust mask and protective clothing.

Spill: Sweep or vacuum material and place in a designated waste container. Ventilate and use a water rinse to clean the spill site after material pickup is complete.

7. Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Prevent inhalation of dust.

Storage: Keep container tightly closed. Store in a well ventilated area at 10 to 30⁰C.

8. Exposure Controls and Personal Protection

Engineering controls : Engineering methods to prevent control or exposure to dust are preferred. Methods include process or personnel enclosure, mechanical ventilation, and control of process conditions.

Protective measures > Hands: Protective disposable gloves .

Protective measures > Eyes: Chemical safety glasses or goggles.

Protective measures > Body: Laboratory coat.

Protective measures > Inhalation: Dust mask.

UK Occupational Exposure Limits (preparation) > *Iron salts (as Fe)*
Long term – 1 mg/M³
Short term – 2 mg/M³

9. Physical and Chemical Properties

Physical form: Powder.

Colour: Pale straw.

pH (at 44.5 g/L H₂O): 6.9– 7.3

10. Stability and Reactivity

Stability: Stable under recommended storage and handling conditions (refer to part 7 of this MSDS). Hygroscopic.

Reactivity: Avoid strong oxidising agents .

11. Toxicological Information

| | |
|------------------|---|
| Acute toxicity: | Quantitative data on the toxicity of this product is not available. |
| Eye irritation: | The possibility of allergic sensitisation should be considered. |
| Skin irritation: | The possibility of allergic sensitisation should be considered. |

12. Ecological Information

| | |
|--------------------------|---|
| Ecotoxic effects: | Quantitative data on the toxicity of this product is not available. |
| Further ecological data: | No ecological problems are to be expected when the product is handled and used with due care and attention. |


13. Disposal Considerations

| | |
|------------|---|
| Product: | Must be disposed of in full compliance with all federal, state and local environmental regulations. |
| Packaging: | Must be disposed of in full compliance with all federal, state and local environmental regulations. |

14. Transport Regulations

| | |
|-------------------------|-----------------------------------|
| UN number: | Not regulated. |
| ADR/RID classification: | Not regulated for road transport. |
| IATA classification: | Not regulated for air transport. |
| IMDG classification: | Not regulated for sea transport. |

15. Regulatory Information

| | | |
|-----------------|---|--|
| Hazard symbol: |  | Xi, Irritant |
| Risk phrases: | R 36/37/38. | Irritating to eyes, respiratory system and skin. |
| Safety phrases: | S 36/37/39. | Wear suitable protective clothing, gloves and eye/face protection. |



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16. Further Information

Reason for Issue: Alteration to format of MSDS.

The information contained in this MSDS is based on the present state of our knowledge. It characterises this product with regards to the appropriate safety precaution. It does not represent a guarantee of the properties of this product. LAB M Limited shall not be held liable for any damage resulting from the handling or from contact with this product.