

Safety Data Sheet LAB107 Kanamycin Aesculin Azide Broth Issue: 22/Dec/2004

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 30°C.

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

Sodium Azide (as NaN₃)
Long term – 0.1 mg/M³
Short term – 0.3 mg/M³

9. Physical and Chemical Properties

Physical form: Powder.

Colour: Pale straw.

pH (at 33 g/L H₂O): 6.8 – 7.2

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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.
