

**1. Product and Company Identification**

Product No.: LAB144

Product Name: Palcam Broth
(Liquid Polymixin, Acriflavine, Lithium Chloride, Ceftazidime, Aesculin, Mannitol Broth)

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
Lithium Chloride	7447-41-8 231-212-3	18.4% w/w	Xi	R 36/37

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: May cause slight transient irritation.

Health hazard > Ingestion: Harmful if swallowed.

4. First Aid Measures

After inhalation: Remove to fresh air; if breathing becomes difficult, give oxygen. If not breathing, give artificial respiration. Seek medical advice

After skin contact: Wash off with copious amounts of water. If irritation persists, seek medical advice.

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 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.

9. Physical and Chemical Properties

Physical form:	Powder.
Colour:	Straw.
pH (at 54.4 g/L H ₂ O):	7.0– 7.4

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:	Harmful by ingestion.
Eye irritation:	May cause irritation.
Skin irritation:	May cause irritation.

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: Hazardous waste. Must be disposed of in full compliance with all federal, state and local environmental regulations.

Packaging: Hazardous waste. Must be disposed of in full compliance with all federal, state and local environmental regulations.

14. Transport Regulations

UN number: Not classified.

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: Irritant.

Risk phrases: R 36/37. Irritating to eyes and respiratory system.

Safety phrases: S22. Do not breathe dust.
S36/37/39. Wear suitable protective clothing, gloves and eye/face protection.

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.