



Safety Data Sheet

LAB218 DG18 Agar (ISO)
Dichloran (18%) Glycerol Agar (ISO)

Issue: 19/Jul/2010

1. Product and Company Identification

Product Code: LAB218
Product Name: DG18 Agar (ISO)
Dichloran (18%) Glycerol Agar (ISO)

Manufacturer: Lab M Limited
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UK

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2. Composition and Information on Ingredients

Hazardous ingredients:

Component	CAS number EINECS number	Concentration	Classification	Risk phrases
Chloramphenicol	56-75-7 200-287-4	0 – 0.5%	T, Toxic	R45

3. Hazard Identification

Most important hazard: May cause cancer.

Health hazard

Inhalation: Irritating to the respiratory system. Do not breathe dust.
Skin: Irritating to skin. Avoid contact with skin.
Eyes: Irritating to eyes. Avoid contact with eyes.
Ingestion: May 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.
After eye contact: Flush with copious amounts of water; if irritation persists seek medical advice.
After ingestion: Rinse mouth with plenty of cold water; seek medical advice.

5. Fire Fighting Measures

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



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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 10-30°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.
Eyes: Chemical safety glasses or goggles.
Body: Laboratory coat.
Inhalation: Dust mask and/or dust cupboard.

9. Physical and Chemical Properties

Physical form: Powder
Colour: Buff
pH (at 31.6 g/L H₂O): 5.4 – 5.8

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

Chloramphenicol: Oral Rat LD50 = 2500mg/kg

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12. Ecological Information

Chloramphenicol: Daphnia EC50/48h = 345mg/l

13. Disposal ConsiderationsProduct: 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 RegulationsUN 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: T, Toxic

Risk phrases: R45 May cause cancer.
Safety phrases: S22 Do not breathe dust.
S24/25 Avoid contact with skin and eyes.
S53 Avoid exposure – obtain special instructions before use.

16. Further Information

Reason for Issue: New product.

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.