

Safety Data Sheet (SDS / MSDS)

Diluting Fluid A | Catalogue No. AS-1413

Product	Diluting Fluid A	Catalogue No.	AS-1413
Australian basis	GHS 7 / Safe Work Australia	Signal word	None
Dangerous goods	Not classified for transport	Issue	03 April 2026

1. Identification

- Product identifier: Diluting Fluid A.
- Recommended use: Dehydrated powder medium for preparation of Fluid A used in sterility testing and pharmaceutical microbiology laboratory workflows.
- Supplier: AuSaMicS Life Science.
- Emergency advice: Follow site emergency procedures and seek medical advice if symptoms develop.

2. Hazard(s) identification

- Not classified as a hazardous chemical under GHS 7 as adopted in Australia.
- Signal word: None.
- Hazard pictograms: None required.
- Hazard statements: Not classified.
- Precautionary statements: Observe normal laboratory hygiene. Avoid inhalation of dust. Avoid eye contact. Avoid ingestion.

3. Composition / information on ingredients

- Mixture.
- Typical composition: Peptic digest of animal tissue, dehydrated culture medium for preparation of 1.0 g/L in purified water.
- Relevant hazardous ingredients: None known at concentrations requiring GHS classification based on currently available comparable supplier information for Fluid A-type media.

4. First aid measures

- Inhalation: If dust is inhaled, move person to fresh air. Seek medical advice if symptoms persist.
- Skin contact: Wash with water.
- Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Seek medical attention if irritation persists.
- Ingestion: Rinse mouth and drink water. Obtain medical advice if unwell.
- Most important symptoms/effects: No specific significant acute effects expected under normal laboratory use.

5. Firefighting measures

- Suitable extinguishing media: Use extinguishing media appropriate to the surrounding fire.

- Specific hazards: Organic powder may char under fire conditions; hazardous decomposition depends on surrounding materials.
- Protective equipment: Standard firefighting PPE for surrounding materials.

6. Accidental release measures

- Wear routine laboratory PPE and avoid generating dust.
- Sweep up or collect dry spillage carefully into a suitable container. Clean the area with water after bulk material removal.
- Prevent contamination of sterile preparation areas and dispose of waste according to local regulations.

7. Handling and storage

- Handle using good laboratory practice and minimize dust generation.
- Keep containers tightly closed when not in use.
- Store dry at 10-30°C away from direct light and moisture.
- Prepare and sterilize the medium using validated laboratory procedures.

8. Exposure controls / personal protection

- Exposure limits: No specific workplace exposure standard identified for the finished product as supplied.
- Engineering controls: Standard laboratory ventilation.
- PPE: Safety glasses, laboratory coat and gloves as appropriate to the task and local SOP. A dust mask may be used where dust generation is significant.

9. Physical and chemical properties

- Appearance: Light beige to amber free-flowing powder.
- Odour: Mild peptone odour.
- pH (prepared medium): 7.1 ± 0.2 at 25°C.
- Solubility: Soluble in water.

10. Stability and reactivity

- Stable under recommended dry storage conditions.
- Incompatible materials: Strong oxidizing agents.
- Hazardous decomposition products: May generate carbon oxides and nitrogen oxides when heated strongly or burned.

11. Toxicological information

- Based on the nature of the product and comparable supplier information, significant toxic effects are not expected under normal intended laboratory use.
- Routes of exposure may include dust inhalation, skin contact, eye contact or ingestion.

12. Ecological information

- No specific ecological hazard classification identified for the product as supplied.
- Avoid uncontrolled release to drains or the environment.

13. Disposal considerations

- Dispose of unused material, prepared medium and contaminated packaging in accordance with local regulations and laboratory waste procedures.

14. Transport information

- Not classified as dangerous goods for road, rail, sea or air transport based on available comparable information.

15. Regulatory information

- Safety document prepared in alignment with Australian GHS 7 / Safe Work Australia requirements for workplace chemicals.

16. Other information

- This SDS is intended as a professional guidance document for the dehydrated powder form of the product. The user remains responsible for validating suitability in the intended process and for complying with local workplace and transport requirements.