Rogosa Agar (LBS Agar)

Catalogue No. AS-1399 · Prepared in accordance with the Safe Work Australia Model Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals · Issue date: 10 November 2025 · Rev 1.0

1. Identification

Product identifier	Rogosa Agar (LBS Agar)
Catalogue No.	AS-1399
Recommended use	Dehydrated microbiological culture medium for laboratory use
Restrictions on use	Not for human or animal consumption, diagnosis or therapeutic use
Supplier	Ausamics Pty Ltd, 36/25 Trafalgar Road, Epping, VIC 3076, Australia
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Emergency	000 (Australia) · Poisons Information Centre 13 11 26

2. Hazard Identification

GHS classification	Not classified as hazardous according to the GHS (Rev. 7) as adopted under the Australian WHS Regulations
Signal word	None
Pictograms	None required
Hazard statements	None
Precautionary statements	None required. Follow good laboratory practice.
Other hazards	Fine powder may form combustible dust in air. Dust may cause mild mechanical irritation to eyes and airways.

3. Composition / Information on Ingredients

Mixture. The product contains no ingredients classified as hazardous at or above the concentrations that require disclosure.

Ingredient	CAS No.	Proportion (%)
Casein peptone (tryptone)	91079-40-2	13.4
Yeast extract	8013-01-2	6.7
D-Glucose	50-99-7	26.8
Polysorbate 80	9005-65-6	1.3
Potassium dihydrogen phosphate	7778-77-0	8.0
Sodium acetate	127-09-3	20.1
Ammonium citrate	3012-65-5	2.7
Magnesium sulfate heptahydrate	10034-99-8	0.8
Manganese sulfate tetrahydrate	10101-68-5	0.16
Iron(II) sulfate heptahydrate	7782-63-0	0.05
Agar	9002-18-0	20.1

4. First-Aid Measures

Inhalation	Move to fresh air. Seek medical advice if symptoms persist.
Skin contact	Wash with soap and water.
Eye contact	Rinse cautiously with water for several minutes. Seek medical advice if irritation persists.
Ingestion	Rinse mouth with water. Do not induce vomiting. Seek medical advice if feeling unwell.
Symptoms	No significant acute or delayed effects expected.
Medical attention	Treat symptomatically.

5. Fire-Fighting Measures

Extinguishing media	Water spray, foam, dry chemical or CO_2
Specific hazards	Combustion may release oxides of carbon, nitrogen, sulfur and phosphorus
Protective equipment	Self-contained breathing apparatus and full protective clothing
Hazchem code	None allocated

6. Accidental Release Measures

Personal precautions	Avoid creating dust. Wear gloves and eye protection.
Environmental precautions	Prevent large quantities entering drains.
Clean-up	Sweep or vacuum up and place in a closed container for disposal. Clean the area with water.

7. Handling and Storage

Handling	Avoid creating and breathing dust. Use with adequate ventilation. Wash hands after handling.
Preparation note	Glacial acetic acid, added during preparation, is a hazardous chemical (flammable; causes severe skin burns and eye damage). Refer to its own SDS and handle it in a fume hood.
Storage	Store at 2–8 °C in a dry place, tightly closed and protected from light. Hygroscopic.

8. Exposure Controls / Personal Protection

Exposure standards	No exposure standard assigned to the product. Inhalable dust (not otherwise classified): 10 mg/m³ TWA (Safe Work Australia)
Engineering controls	General ventilation; local exhaust if dust is generated
Eye protection	Safety glasses with side shields
Hand protection	Nitrile gloves
Body protection	Laboratory coat
Respiratory protection	Not normally required. P1/P2 dust mask if dusty.

9. Physical and Chemical Properties

Appearance	Cream to light yellow powder
Odour	Characteristic, slightly yeasty
pH	5.4 ± 0.2 after acid addition, as directed
Solubility	Soluble in water on heating (agar requires boiling)
Flash point	Not applicable
Flammability	Not flammable; fine dust may be combustible
Decomposition temperature	Not determined

10. Stability and Reactivity

Reactivity	Not reactive under normal conditions
Chemical stability	Stable under recommended storage conditions
Conditions to avoid	Moisture, heat, dust generation
Incompatible materials	Strong oxidising agents
Hazardous decomposition	Oxides of carbon, nitrogen, sulfur and phosphorus on burning

11. Toxicological Information

Acute toxicity	Not classified. No significant effects expected.
Skin corrosion/irritation	Not classified
Eye damage/irritation	Not classified; dust may cause mechanical irritation
Sensitisation	Not classified
Mutagenicity / carcinogenicity / reproductive toxicity	Not classified
STOT (single / repeated)	Not classified
Aspiration	Not applicable

12. Ecological Information

Ecotoxicity	Not classified as hazardous to the aquatic environment
Persistence and degradability	Organic components are readily biodegradable
Bioaccumulation	Not expected
Mobility in soil	Soluble in water

13. Disposal Considerations

Unused product	Dispose of in accordance with local, state and federal regulations
Used media	Decontaminate (e.g. by autoclaving) before disposal as biological waste
Packaging	Recycle or dispose of as general waste when empty

14. Transport Information

UN number	None allocated
ADG (road/rail)	Not regulated as dangerous goods
IMDG (sea)	Not regulated
IATA (air)	Not regulated
Hazchem code	None allocated

15. Regulatory Information

Classification	Not a hazardous chemical under the WHS Regulations
Poisons Standard (SUSMP)	Not scheduled
AICIS	Users should confirm the inventory status of components for their own use

16. Other Information

Date of preparation	10 November 2025
Revision	1.0 — first issue
Abbreviations	ADG: Australian Dangerous Goods Code; GHS: Globally Harmonized System; TWA: time-weighted average; WHS: Work Health and Safety

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