Tributyrin Agar Base

Catalogue No. AS-1453 · Prepared in accordance with the Safe Work Australia Model Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals · Issue date: 14 September 2025· Rev 1.0

1. Identification

Product identifier	Tributyrin Agar Base (without Tributyrin)
Catalogue No.	AS-1453
Recommended use	Dehydrated base medium for laboratory detection of lipolytic microorganisms
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 a combustible dust in air. This product does not contain tributyrin; the tributyrin added by the user is a separate chemical with its own Safety Data Sheet.

3. Composition / Information on Ingredients

Mixture. No ingredient is present at or above a concentration that requires classification of the mixture.

Ingredient	CAS No.	Proportion (%)
Special peptone (enzymatic digest of animal and plant protein)	73049-73-7	25.0
Yeast extract	8013-01-2	15.0
Agar	9002-18-0	60.0

4. First-Aid Measures

Inhalation	Move to fresh air.
Skin contact	Wash with soap and water.

Eye contact	Rinse with water for several minutes. Seek medical advice if irritation persists.
Ingestion	Rinse mouth. Seek medical advice if you feel unwell.
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 and sulfur
Protective equipment	Self-contained breathing apparatus
Hazchem code	None allocated

6. Accidental Release Measures

Precautions	Avoid creating dust. Wear gloves and eye protection.
Clean-up	Sweep or vacuum into a closed container; wash the area with water.

7. Handling and Storage

Handling	Avoid creating and breathing dust. Wash hands after handling.
Storage	15–25 °C, dry, tightly closed, protected from light. Hygroscopic.

8. Exposure Controls / Personal Protection

Exposure standards	Inhalable dust (not otherwise classified): 10 mg/m³ TWA (Safe Work Australia)
PPE	Laboratory coat, nitrile gloves, safety glasses; P2 dust mask if dusty

9. Physical and Chemical Properties

Appearance	Cream to light beige powder
Odour	Characteristic
pH	7.5 ± 0.2 (20 g/L, 37 °C)
Solubility	Soluble in hot water; forms a gel on cooling
Flammability	Not flammable; fine dust may be combustible

10. Stability and Reactivity

Stability	Stable under recommended storage conditions
Conditions to avoid	Moisture, heat, prolonged or repeated heating
Incompatible materials	Strong oxidising agents

11. Toxicological Information

Assessment	Not classified. Composed of protein hydrolysates, yeast extract and a seaweed polysaccharide. No ingredient is known to be acutely toxic at the concentrations present.

12. Ecological Information

Assessment	Not classified as hazardous to the aquatic environment. Readily biodegradable organic material.

13. Disposal Considerations

Unused product	Dispose of according to local regulations
Used media	Inoculated plates may carry Risk Group 2 organisms. Autoclave before disposal.

14. Transport Information

UN number	None allocated
ADG / IMDG / IATA	Not regulated as dangerous goods

15. Regulatory Information

Classification	Not a hazardous chemical under the WHS Regulations
Poisons Standard (SUSMP)	Not scheduled
HS code	3821.00.00

16. Other Information

Date of preparation	14 September 2025
Revision	1.0

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