

Ascospore Agar

Catalogue No. AS-1436 · Compliant: Australian WHS Regulations 2023 · GHS 7th Edition · Safe Work Australia

Section 1 — Identification

Product Name	Ascospore Agar
Catalogue Number	AS-1436
Product Use	Selective microbiological culture medium for enumeration of ascosporegenous yeasts
Supplier	AuSaMicS Pty Ltd
Address	31 Longview CT, Thomastown, VIC 3074, Australia
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Email	support@ausamics.com.au
Emergency Telephone	Poisons Information Centre: 13 11 26 (Australia, 24 hr)
SDS Prepared	May 2026
SDS Revision	Rev. 1

Section 2 — Hazard Identification

GHS Classification (WHS Regulations 2023 / GHS 7th Edition):

This product is NOT classified as a hazardous substance or dangerous goods under Australian WHS Regulations 2023 (GHS 7th Edition).

Signal Word: None required.

Hazard Statements: None required.

Precautionary Statements: None required.

Other Hazards: Product does not contain any components classified as PBT or vPvB at levels $\geq 0.1\%$. No endocrine disrupting properties identified.

Section 3 — Composition / Information on Ingredients

Component	CAS No.	Concentration	Hazard Class
Potassium Acetate	127-08-2	~23%	Not hazardous
Agar	9002-18-0	~69%	Not hazardous
Yeast Extract	8013-01-2	~6%	Not hazardous
Dextrose (Glucose)	50-99-7	~2%	Not hazardous

Section 4 — First Aid Measures

Route	First Aid Measure
Inhalation	Remove to fresh air. If symptoms persist, seek medical attention.
Skin Contact	Wash with soap and water. If irritation develops, seek medical advice.

Eye Contact	Irrigate with water for 15 minutes. Seek medical attention if irritation persists.
Ingestion	Rinse mouth. Give water to drink. Seek medical advice if large amounts ingested.

Section 5 — Fire-Fighting Measures

Flammability	Combustible solid — fine dust may present explosion risk if dispersed
Suitable Extinguishing Media	Water spray, foam, dry powder, CO ₂
Protective Equipment	SCBA and full protective clothing
Combustion Products	Oxides of carbon, nitrogen, potassium

Section 6 — Accidental Release Measures

Personal Precautions	Avoid generating dust. Use appropriate PPE. Keep unnecessary personnel away.
Environmental Precautions	Prevent entry into drains, sewers, or waterways.
Clean-up	Carefully sweep or vacuum dry powder. Transfer to sealed, labelled container.

Section 7 — Handling and Storage

Handling	Avoid inhalation of dust. Wash hands after handling. Use in well-ventilated area.
Storage	15–25°C in tightly sealed container. Keep away from moisture and direct sunlight.
Incompatibilities	Strong oxidising agents, strong acids and bases.

Section 8 — Exposure Controls / Personal Protection

Respiratory Protection	P1/P2 particulate filter if dust generated during weighing
Eye/Face Protection	Safety glasses when handling bulk quantities
Skin Protection	Nitrile gloves (min 0.11 mm). Lab coat and closed-toe footwear.
Hygiene	Wash hands after handling. Do not eat or drink in work area.
Ventilation	General laboratory ventilation sufficient under normal conditions.

Section 9 — Physical and Chemical Properties

Physical State	Powder (dehydrated)
Colour	Cream-white to light beige
Odour	Slight characteristic odour
pH (2% solution, 25°C)	6.4 ± 0.2
Solubility	Freely soluble in water when heated
Bulk Density	Approx. 0.4–0.6 g/mL (typical for dehydrated media)
Flash Point	Not applicable (solid)
Flammability	Combustible solid

Section 10 — Stability and Reactivity

Reactivity	No known reactivity hazards under normal conditions
Chemical Stability	Stable under recommended storage conditions
Conditions to Avoid	Moisture, heat above 40°C, open flames
Incompatible Materials	Strong oxidisers, concentrated acids and bases
Hazardous Decomposition	On combustion: oxides of carbon, nitrogen, potassium

Section 11 — Toxicological Information

Acute Toxicity: No data available for the mixture. All individual components are of low acute toxicity at relevant concentrations.

Skin Irritation: Not expected to cause significant skin irritation.

Eye Irritation: Dust may cause mild mechanical irritation.

Carcinogenicity: No components classified as carcinogenic under Australian WHS Regulations 2023.

Reproductive Toxicity: Not classified.

Section 12 — Ecological Information

Aquatic Toxicity	Not expected to be harmful at quantities from normal laboratory use
Persistence / Degradability	Components are readily biodegradable
Bioaccumulative Potential	Not expected to bioaccumulate

Section 13 — Disposal Considerations

Waste Disposal	Dispose per AS/NZS and local council regulations. Small quantities may be disposed as general laboratory waste after autoclaving.
Contaminated Packaging	Rinse with water. Dispose per local regulations.
Regulatory Reference	Environment Protection Act 2017 (Vic); relevant State/Territory EPA requirements.

Section 14 — Transport Information

UN Number	Not regulated
Proper Shipping Name	Not a dangerous good
Transport Hazard Class	None — ADG Code (Australia), IMDG, IATA
Packing Group	Not applicable
Environmental Hazards	Not a marine pollutant

Section 15 — Regulatory Information

This SDS has been prepared in accordance with: Australian Work Health and Safety (WHS) Regulations 2023; Safe Work Australia Code of Practice (2021); GHS 7th Revised Edition (UN, 2017).

AICIS Status: All components are listed on the Australian Inventory of Industrial Chemicals (AIIC) or are exempt from notification.

Poisons Standard (SUSMP): Not scheduled.

Section 16 — Other Information

Prepared By	AuSaMicS Pty Ltd
Contact	support@ausamics.com.au

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