



# Safety Data Sheet

AS-1326

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## Phenol Red Broth Base

Catalogue No.: AS-1326 | SDS Version: 1.0 | Issue Date: 2025-01-01 | Revision: 2026-03-23

### SECTION 1: IDENTIFICATION

<b>Product Name</b>	Phenol Red Broth Base
<b>Catalogue Number</b>	AS-1326
<b>Supplier</b>	AuSaMicS Pty Ltd, 31 Longview CT, Thomastown, VIC 3074, Australia
<b>ABN</b>	ABN: 56 676 640 467
<b>Phone</b>	+61 412 520 598
<b>Email / Website</b>	support@ausamics.com   www.ausamics.com.au
<b>Emergency</b>	+61 412 520 598 (business hours)   Poisons Information Centre: 13 11 26 (AU)
<b>Recommended Use</b>	Microbiological culture medium — laboratory identification use only

### SECTION 2: HAZARD IDENTIFICATION

GHS Classification: Not classified as hazardous under GHS criteria when used as directed.

Signal Word: None required.

Note on Phenol Red: The dye is present at 0.025 g/L — not classified as hazardous at this concentration in the prepared medium.

Precautionary Statements: P261 — Avoid breathing dust. P272 — Contaminated work clothing should not leave workplace. P280 — Wear protective gloves/eye protection. P501 — Dispose of contents/container per local regulations.

### SECTION 3: COMPOSITION / INGREDIENTS

Ingredient	CAS Number	% w/w	GHS Hazard
Proteose Peptone	Mixture	~62	Not classified
Beef Extract	Mixture	~6	Not classified
Sodium Chloride	7647-14-5	~31	Not classified
Phenol Red	143-74-8	~0.15	Not classified at this conc.



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## SECTION 4: FIRST AID

Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Wash with soap and water.

Eye Contact: Flush with water for 15 minutes; seek medical attention if irritation persists.

Ingestion: Rinse mouth; seek medical attention if unwell.

## SECTION 5: FIRE-FIGHTING

Suitable Extinguishing Media: CO<sub>2</sub>, dry chemical, water spray. Product is not flammable.

## SECTION 6: ACCIDENTAL RELEASE

Wear PPE. Collect spilled material for disposal. Wash area with water. Prevent entry into drains.

## SECTION 7: HANDLING AND STORAGE

Handling: Good laboratory practices. Wear PPE. Avoid breathing dust. Wash hands after handling.

Storage: Dehydrated medium — 10–30 °C, dry, away from light, container tightly closed. Prepared tubes: 2–8 °C, protect from light, use within 3–6 months.

## SECTION 8: EXPOSURE CONTROLS / PPE

Engineering Controls: Well-ventilated laboratory.

PPE: Lab coat, nitrile or latex gloves, safety glasses.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Light pink to salmon powder
<b>Odour</b>	Characteristic (nutrient broth)
<b>pH (prepared, 25 °C)</b>	7.4 ± 0.2 (red/orange)
<b>Solubility in Water</b>	Soluble
<b>Flash Point</b>	Not applicable (non-flammable)
<b>Vapour Pressure</b>	Not applicable



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## SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions. Avoid moisture, heat, and direct sunlight.

## SECTION 11: TOXICOLOGICAL INFORMATION

Not classified as acutely toxic. No known carcinogenicity, mutagenicity, or reproductive toxicity at intended use concentrations.

## SECTION 12: ECOLOGICAL INFORMATION

Not expected to be ecotoxic. Components are biodegradable nutrients. Not expected to bioaccumulate.

## SECTION 13: DISPOSAL

Inoculated medium: Autoclave at 121 °C for 30 minutes before disposal. Dispose as biological waste per institutional biosafety procedures. Dehydrated medium: dispose per local regulations.

## SECTION 14: TRANSPORT

Not a dangerous good. Not regulated under ADG, IATA, or IMDG.

## SECTION 15: REGULATORY INFORMATION

Not a scheduled poison (SUSMP/Poisons Standard). All components listed or exempt under AICS. Not classified as hazardous under Safe Work Australia guidelines.

## SECTION 16: OTHER INFORMATION

SDS Prepared by: AuSaMicS Pty Ltd Technical Team

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Prepared in accordance with GHS and Safe Work Australia requirements.

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