



# SAFETY DATA SHEET

Yersinia (CIN) Agar | Cat. No. AS-1380

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## Safety Data Sheet

SDS-AS-1380

### SECTION 1 — IDENTIFICATION

<b>Product Name</b>	Yersinia (CIN) Agar
<b>Catalog Number</b>	AS-1380
<b>Recommended Use</b>	Selective and differential culture medium for laboratory microbiology
<b>Supplier</b>	AuSaMicS Pty Ltd, 31 Longview CT, Thomastown VIC 3074, Australia
<b>Emergency Contact</b>	+61 412 520 598   support@ausamics.com.au
<b>Emergency Services</b>	Australia: 000   Poisons Information Centre: 13 11 26

### SECTION 2 — HAZARD IDENTIFICATION

**GHS Classification:** Not generally classified as hazardous under normal laboratory use. Powder may cause irritation to eyes, skin, or respiratory tract if dust is generated. Contains selective antimicrobial agents; handle using good laboratory practice.

<b>Signal Word</b>	None required
<b>Hazard Statements</b>	Avoid inhalation of dust and unnecessary contact with eyes or skin.
<b>Precautionary Statements</b>	Wear suitable gloves, eye protection, and laboratory coat during routine handling of powder and prepared media.
<b>Regulatory Status</b>	For laboratory use only. Not for human, veterinary, or food use.

### SECTION 3 — COMPOSITION / INGREDIENTS

Component	Typical Content	Function
Peptone / Proteose Peptone	10.0 g/L	Nutrient source
Yeast Extract	5.0 g/L	Growth factors
Mannitol	10.0 g/L	Differential carbohydrate
Sodium Chloride	5.0 g/L	Osmotic balance



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Component	Typical Content	Function
Agar	15.0 g/L	Solidifying agent
Cefsulodin	5 mg/L	Selective agent
Irgasan (Triclosan)	1 mg/L	Selective agent
Novobiocin	10 mg/L	Selective agent
Neutral Red	0.03 g/L	Indicator

## SECTION 4 — FIRST AID MEASURES

<b>Skin Contact</b>	Wash with soap and water. Seek medical attention if irritation develops.
<b>Eye Contact</b>	Rinse cautiously with water for several minutes. Seek medical attention if irritation persists.
<b>Inhalation</b>	Move to fresh air if dust is inhaled. Seek medical attention if symptoms continue.
<b>Ingestion</b>	Rinse mouth with water. Seek medical advice if discomfort occurs.

## SECTION 5 — FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Water spray, foam, dry chemical, or carbon dioxide
<b>Specific Hazards</b>	Combustible organic components may generate smoke and carbon oxides on strong heating
<b>Protective Equipment</b>	Use standard fire-fighting PPE and respiratory protection if required

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid dust generation. Wear gloves, eye protection, and suitable lab attire.
<b>Environmental Precautions</b>	Prevent bulk release to drains and waterways.
<b>Clean-Up Methods</b>	Sweep or vacuum into a suitable container and wipe remaining residue with damp material.

## SECTIONS 7–16 — HANDLING, STORAGE, PPE, PHYSICAL, STABILITY, DISPOSAL, TRANSPORT, REGULATORY



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<b>Handling</b>	Use good laboratory practice and microbiological technique. Avoid inhalation of dust.
<b>Storage</b>	Store dehydrated medium at 15–30 °C in a tightly closed container protected from moisture.
<b>PPE</b>	Gloves, safety glasses, and laboratory coat recommended.
<b>Appearance</b>	Dehydrated powder for culture medium preparation
<b>Prepared Medium</b>	Light red to pinkish agar
<b>Final pH</b>	7.4 ± 0.2 at 25 °C
<b>Stability</b>	Stable under recommended storage conditions
<b>Disposal</b>	Dispose according to local laboratory and environmental regulations. Autoclave used plates or contaminated materials before disposal.
<b>Transport</b>	Typically not classified as dangerous goods
<b>Prepared By</b>	AuSaMicS Pty Ltd — Quality & Regulatory Affairs

## DISCLAIMER

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