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Safety Data Sheet (SDS / MSDS)

Product: Xylose Lysine Deoxycholate (XLD) Agar

Catalogue Number: AS-1378

Prepared in accordance with GHS, EU CLP (Reg. 1272/2008) and Australian WHS Regulations.

Issue Date: 25 February 2026

SECTION 1: Identification

Recommended Use: Microbiological culture medium.

Restrictions: For laboratory use only.

SECTION 2: Hazard Identification

Not classified as hazardous under GHS.

Dust may cause mechanical irritation to eyes and respiratory tract.

Signal Word: None.

Pictograms: None required.

SECTION 3: Composition / Information on Ingredients

Mixture of peptones, carbohydrates, sodium deoxycholate, ferric salts, indicator dye, and agar.

SECTION 4: First Aid Measures

Inhalation: Move to fresh air.

Skin: Wash with water.

Eyes: Rinse cautiously with water for several minutes.

Ingestion: Rinse mouth; seek medical advice if symptoms persist.

SECTION 5: Fire-Fighting Measures

Not flammable.

Use extinguishing media suitable for surrounding fire.

SECTION 6: Accidental Release Measures

Avoid dust formation.

Collect mechanically and dispose according to regulations.

SECTION 7: Handling and Storage

Handle using good laboratory practice.

Store dry, tightly sealed at 15–30 °C.

SECTION 8: Exposure Controls / Personal Protection

Eye Protection: Safety glasses.

Skin Protection: Gloves.

Respiratory Protection: Dust mask if airborne dust present.

Ventilation: General laboratory ventilation sufficient.

SECTION 9: Physical and Chemical Properties

Appearance: Red to orange powder.

Solubility: Dispersible in water upon heating.

pH (25 °C): 7.4 ± 0.2 .

Flammability: Not flammable.

SECTION 10: Stability and Reactivity

Stable under recommended storage conditions.

Avoid excessive moisture and heat.

SECTION 11: Toxicological Information

Low toxicity under normal laboratory handling.

Dust may cause mild irritation.

SECTION 12: Ecological Information

Organic components biodegradable.

Avoid uncontrolled environmental release.

SECTION 13: Disposal Considerations

Dispose according to local regulations.

SECTION 14: Transport Information

Not classified as Dangerous Goods under ADR, IMDG, IATA or ADG Code.

UN Number: Not applicable.

SECTION 15: Regulatory Information

Not classified as hazardous under EU CLP or Australian WHS.

SECTION 16: Other Information

Information believed accurate at time of issue.
For professional laboratory use only.