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Safety Data Sheet (SDS / MSDS)

Product: Potato Dextrose Broth (PDB)

Catalog Number: AS-1331

Issue Date: 23 February 2026

SECTION 1: Identification

Product Name	Potato Dextrose Broth (PDB)
Catalog Number	AS-1331
Recommended Use	Microbiological culture medium
Restrictions	Not for food, pharmaceutical or therapeutic use

SECTION 2: Hazard Identification

Not classified as hazardous under GHS.

Signal Word: None

Hazard Statements: Not applicable.

Precautionary Statements: Avoid inhalation of dust. Use standard laboratory PPE.

SECTION 3: Composition

Component	Concentration
Potato infusion solids	~4 g/L (in prepared medium)
Dextrose	20 g/L (in prepared medium)

SECTION 4: First Aid Measures

Inhalation: Move to fresh air.

Skin Contact: Wash with water.

Eye Contact: Rinse with water for several minutes.

Ingestion: Rinse mouth. Seek medical advice if symptoms occur.

SECTION 5: Fire-Fighting Measures

Not flammable. Use media appropriate to surrounding fire.

SECTION 6: Accidental Release Measures

Avoid dust formation. Sweep and collect for disposal.

SECTION 7: Handling and Storage

Handle using good laboratory practices.

Store in dry, tightly closed container.

SECTION 8: Exposure Controls / PPE

Eye Protection	Safety glasses
Skin Protection	Laboratory gloves
Respiratory	Dust mask if necessary
Engineering Controls	General ventilation

SECTION 9: Physical and Chemical Properties

Appearance	Cream powder
Solubility	Soluble in water
pH (prepared)	5.1 ± 0.2
Flammability	Not flammable

SECTION 10: Stability and Reactivity

Stable under recommended storage conditions.

SECTION 11: Toxicological Information

Not classified as hazardous. Low toxicity under normal laboratory use.

SECTION 12: Ecological Information

Biodegradable organic material. Avoid large releases to environment.

SECTION 13: Disposal Considerations

Dispose according to local regulations.

SECTION 14: Transport Information

Not classified as dangerous goods for transport.

SECTION 15: Regulatory Information

No special regulatory classification under GHS for microbiological grade medium.

SECTION 16: Other Information

The information provided is believed to be accurate and intended for laboratory guidance only.