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Safety Data Sheet (SDS / MSDS)

Product: Yeast Peptone

Catalog Number: AS-1014

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

Issue Date: 24 February 2026

SECTION 1: Identification

| | |
|------------------------|---------------------------------------------------|
| Product Name | Yeast Peptone |
| Catalog Number | AS-1014 |
| Recommended Use | Microbial culture media and fermentation nutrient |
| Restrictions | Not for food, pharmaceutical or therapeutic use |

SECTION 2: Hazard Identification

Not classified as hazardous under GHS.

Hazard Pictograms: None required.

Signal Word: None.

Precautionary Statement: Avoid inhalation of dust. Use standard PPE.

SECTION 3: Composition / Information on Ingredients

| | |
|----------------------|------------------------------------------|
| Substance | Yeast-derived protein hydrolysate |
| CAS No. | Not assigned (complex mixture) |
| Concentration | 100% |

SECTION 4: First Aid Measures

Inhalation: Move to fresh air.

Skin Contact: Wash with soap and water.

Eye Contact: Rinse cautiously with water for several minutes.

Ingestion: Rinse mouth. Seek medical advice if discomfort occurs.

SECTION 5: Fire-Fighting Measures

Not classified as flammable.

Use extinguishing media appropriate to surrounding fire.

SECTION 6: Accidental Release Measures

Avoid dust formation.

Collect mechanically and dispose in accordance with regulations.

SECTION 7: Handling and Storage

Handle in accordance with good laboratory practices.

Store in cool, dry, sealed container.

SECTION 8: Exposure Controls / Personal Protection

| | |
|-------------------------------|---------------------------------------|
| Engineering Controls | General ventilation sufficient |
| Eye Protection | Safety glasses |
| Skin Protection | Protective gloves |
| Respiratory Protection | Dust mask if airborne dust present |

SECTION 9: Physical and Chemical Properties

| | |
|-------------------------|-----------------------------|
| Appearance | Light beige powder |
| Odour | Characteristic yeast odour |
| Solubility | Soluble in water |
| pH (2% solution) | 6.0 – 7.5 |
| Flammability | Not classified as flammable |

SECTION 10: Stability and Reactivity

Stable under recommended storage conditions.

Avoid moisture and excessive heat.

SECTION 11: Toxicological Information

Low toxicity under normal laboratory handling conditions.

Dust may cause mild mechanical irritation.

SECTION 12: Ecological Information

Biodegradable organic material.

Avoid uncontrolled release in large quantities.

SECTION 13: Disposal Considerations

Dispose according to local environmental 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

No specific hazardous classification under EU CLP or Australian WHS.

For research and industrial microbiology use only.

SECTION 16: Other Information

Information believed accurate at time of issue.

Intended for professional laboratory use.