

Ausamics PTY LTD

31 Longview CT, Thomastown, VIC 3074, Australia

ABN: 56676640467

www.ausamics.com.au

support@ausamics.com

Phone: +61412520598

Safety Data Sheet (SDS / MSDS)

Product Name: Phosphotungstic Acid Hydrate

Catalogue Number: ASD-620

1. Identification

Recommended use: Laboratory reagent, staining agent, analytical applications.

Restrictions on use: Not for food, medical, or veterinary use.

2. Hazard Identification

May cause irritation to skin, eyes, and respiratory tract.

Avoid inhalation of dust and contact with skin and eyes.

3. Composition / Information on Ingredients

Chemical Name: Phosphotungstic Acid Hydrate

CAS Number: 12501-23-4

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 and seek medical advice if unwell.

5. Fire Fighting Measures

Suitable extinguishing media: Water spray, foam, dry chemical.

Not flammable under normal conditions.

6. Accidental Release Measures

Avoid dust formation.

Collect material using appropriate protective equipment.

7. Handling and Storage

Handle in a well-ventilated area.

Store in tightly sealed container in a dry place.

8. Exposure Controls / Personal Protection

Use protective gloves and eye protection.

Use respiratory protection if dust is generated.

9. Physical and Chemical Properties

Appearance: White to pale yellow crystalline powder

Solubility: Soluble in water

pH: Strongly acidic in aqueous solution

10. Stability and Reactivity

Stable under recommended storage conditions.

Avoid strong bases and incompatible materials.

11. Toxicological Information

May cause irritation upon contact or inhalation.

12. Ecological Information

Avoid release into the environment.

13. Disposal Considerations

Dispose in accordance with local regulations.

14. Transport Information

Not classified as dangerous goods under typical transport regulations (verify locally).

15. Regulatory Information

For laboratory use only.

16. Other Information

This document is intended for laboratory and industrial use.