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## Safety Data Sheet (SDS / MSDS)

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Prepared in accordance with the Globally Harmonised System (GHS)

Compliant with Safe Work Australia, EU CLP (Regulation (EC) No 1272/2008), and OSHA HazCom 2012

Revision Date: 01 April 2025

Document Code: SDS-ASA-2036

Version: 1.0

### Section 1: Identification

Product Name: Cefoxitin Sodium Salt

Catalogue Number: ASA-2036

CAS Number: 33564-30-6

Recommended Use: Laboratory research and analytical reagent

Restrictions on Use: Not for human or veterinary therapeutic use

Supplier: Ausamics Pty Ltd

Email: sales@ausamics.com

Website: www.ausamics.com.au

Emergency Telephone (Australia): 13 11 26 (Poisons Information Centre)

International Emergency: Contact local poison centre

### Section 2: Hazard Identification

GHS Classification:

Skin Sensitisation – Category 1

Signal Word: WARNING

Hazard Statement:

H317 – May cause an allergic skin reaction.

Precautionary Statements:

P261 Avoid breathing dust.

P280 Wear protective gloves/protective clothing/eye protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P333+P313 If skin irritation or rash occurs: Get medical advice.

### **Section 3: Composition / Information on Ingredients**

Substance: Cefoxitin Sodium Salt  
CAS Number: 33564-30-6  
Purity: ≥98%  
Molecular Formula: C<sub>16</sub>H<sub>16</sub>N<sub>3</sub>NaO<sub>7</sub>S<sub>2</sub>

### **Section 4: First Aid Measures**

Eye Contact: Rinse cautiously with water for several minutes.  
Skin Contact: Wash with soap and water. Remove contaminated clothing.  
Inhalation: Move to fresh air.  
Ingestion: Rinse mouth. Seek medical advice if unwell.

### **Section 5: Fire Fighting Measures**

Suitable Extinguishing Media: Water spray, CO<sub>2</sub>, dry chemical, foam.  
Hazardous Combustion Products: Nitrogen oxides, sulfur oxides, carbon oxides.  
Protective Equipment: Self-contained breathing apparatus.

### **Section 6: Accidental Release Measures**

Personal Precautions: Avoid dust formation. Wear PPE.  
Environmental Precautions: Prevent large releases to waterways.  
Methods for Clean-Up: Collect material carefully and dispose according to regulations.

### **Section 7: Handling and Storage**

Handling: Avoid inhalation and skin contact.  
Storage: Store at 2–8°C. Protect from moisture and light.  
Keep container tightly closed.

### **Section 8: Exposure Controls / Personal Protection**

Exposure Limits: No specific occupational exposure limits established.  
Engineering Controls: Use adequate ventilation.  
Personal Protective Equipment: Gloves, safety glasses, lab coat.

### **Section 9: Physical and Chemical Properties**

Appearance: White to off-white powder  
Odour: Odourless  
Solubility: Soluble in water  
pH (1% solution): 4.5 – 6.5  
Molecular Weight: 449.43 g/mol

### **Section 10: Stability and Reactivity**

Stability: Stable under recommended conditions.

Incompatible Materials: Strong oxidising agents.

Conditions to Avoid: Moisture, excessive heat.

### **Section 11: Toxicological Information**

May cause allergic skin reactions in sensitised individuals.

No further toxicological data available for research-grade material.

### **Section 12: Ecological Information**

Avoid uncontrolled release into the environment.

No detailed ecotoxicity data available.

### **Section 13: Disposal Considerations**

Dispose in accordance with local, regional, and national regulations.

### **Section 14: Transport Information**

UN Number: Not regulated

ADG: Not classified as Dangerous Goods

IATA/IMDG: Not classified as Dangerous Goods

### **Section 15: Regulatory Information**

Australia: GHS compliant (Safe Work Australia).

EU: CLP compliant.

USA: OSHA HazCom 2012 compliant.

HS Code: 2941.90.00 – Antibiotics.

### **Section 16: Other Information**

This document is prepared under ISO 9001 controlled documentation system.

For laboratory research use only.

Not for human or veterinary therapeutic use.