

24 HR. EMERGENCY PHONE NO. CHEM-TREC 1-800-424-9300

MATERIAL SAFETY DATA SHEET

Manufacturer:

PROCHEM, INC.
826 ROOSEVELT RD.
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SECTION 1 Product Identification

CHEMICAL NAME: Tin (IV) sulfide

CAS REGISTRY NUMBER: 1315-01-1

FORMULA: SnS₂

EINECS NUMBER: 215-252-9

CHEMICAL FAMILY: metal chalcogenides

SYNONYM: Stannic sulfide

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	1315-01-1	100	2mg/m ³ (as Sn - inorganic)	2mg/m ³ (as Sn - inorganic)

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Toxic hydrogen sulfide may be released with strong acids.

PRIMARY ROUTES OF EXPOSURE: Ingestion, inhalation, skin

EYE CONTACT: Dust may cause mild to moderate irritation of the eyes.

SKIN CONTACT: May cause slight irritation of the skin.

INHALATION: Inhalation of dust can lead to irritation of the respiratory tract. Hydrogen sulfide gas, if formed, is poisonous.

INGESTION: No information on the physiological effects of ingestion.

ACUTE HEALTH EFFECTS: Hydrogen sulfide, if released, causes nausea, dizziness and pulmonary edema.

CHRONIC HEALTH EFFECTS: Prolonged exposure to dust of tin compounds may result in benign pneumoconiosis.

NTP: No

IARC: No

OSHA: No

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 10-15 minutes. A victim may need assistance in keeping their eye lids open. Get immediate medical attention.

SKIN EXPOSURE: Wash the affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

INHALATION: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.

INGESTION: Seek medical attention immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.