

MATERIAL SAFETY DATA SHEET

24 HR. EMERGENCY PHONE # CHEM-TREC 1-800-424-9300

Manufacturer: ProChem, Inc.
826 Roosevelt Road
Rockford, IL 61109

Phone: (815) 398-1788
Fax: (815) 398-1810
E-Mail: Prochem1@aol.com

SECTION 1 Product Identification

CHEMICAL NAME: Gallium (III) chloride, anhydrous

CAS #: 13450-90-3

FORMULA: GaCl₃

SYNONYM: Gallium trichloride

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS #	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	13450-90-3	100	no data	no data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Extremely destructive to the upper respiratory tract, eyes and skin. Material hydrolyzes in contact with moisture releasing corrosive hydrogen chloride fumes.

PRIMARY ROUTES OF EXPOSURE: Ingestion, inhalation, skin, eyes

EYE CONTACT: Dust and vapors may cause burns to the eyes and blindness.

SKIN CONTACT: Corrosive to skin. Contact can lead to redness, pain, blistering, ulceration, and scar formation.

INHALATION: Inhalation of choking fumes may result in severe irritation of the respiratory tract, chemical pneumonitis and pulmonary edema.

INGESTION: Harmful if swallowed. May cause burns to the gastrointestinal system.

CHRONIC HEALTH EFFECTS: No information available on long-term chronic effects.

ACUTE HEALTH EFFECTS: Irritation or damage to skin, eyes, mucous membranes and respiratory tract. Hydrolyzes in the presence of water to produce corrosive fumes of hydrogen chloride.

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.

SKIN EXPOSURE: Wash 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 assistance immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.