

MATERIAL SAFETY DATA SHEET

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

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SECTION 1 Product Identification

CHEMICAL NAME: Gallium (III) bromide, anhydrous
CAS#: 13450-88-9
FORMULA: GaBr₃
SYNONYM: Gallium tribromide

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	13450-88-9	100	no data	no data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Severe irritant to skin and eyes. Material hydrolyzes in contact with moisture releasing hydrobromic acid and possibly corrosive hydrogen bromide vapors.

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

EYE CONTACT: May be a severe irritant to the eyes.

SKIN CONTACT: May cause severe irritation of the skin causing redness, pain, itching, pimples, boils, hives and blisters.

INHALATION: Forms hydroiodic acid in the presence of moisture. Inhalation of vapors can lead to irritation of the respiratory tract.

INGESTION: Severe irritation of the gastrointestinal system may occur.

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

ACUTE HEALTH EFFECTS: May be irritating to skin, eyes and respiratory tract and cause eye, skin burns, dyspnea (breathing difficulty), and pulmonary edema

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.