

PRMI

MATERIAL SAFETY DATA SHEET

Emergency Phone No: 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: BORON TRIFLUORIDE METHANOL COMPLEX
PRODUCT NO: 1298
CAS#: 16045-88-8
FORMULA: BF₃.CH₃OH

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	16045-88-8	100	No Data	No Data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: DANGER! HIGHLY TOXIC CORROSIVE HIGHLY FLAMMABLE

Highly toxic by ingestion, inhalation, skin absorption. Danger of cumulative effects. Causes severe burns. May be fatal if inhaled, ingested. Can cause irreversible effects to eyes, skin. Can cause blindness.

PRIMARY ROUTES OF EXPOSURE: Inhalation, Ingestion, Skin and eye contact.

EYE CONTACT: Causes severe burns. Can cause blindness. (irreversible effects).

SKIN CONTACT: Causes severe burns. Toxic if absorbed thru skin. Danger of very serious irreversible effects.

INHALATION: May be fatal if inhaled. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract.

INGESTION: May be fatal if swallowed. Highly toxic and highly destructive to mucous membranes.

SUBACUTE AND CHRONIC TOXICITY: May cause convulsions. Gastrointestinal disturbances. Exposure can cause extreme destruction to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis, and pulmonary edema. Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water (lukewarm if possible) for several minutes. Assure rinsing under eyelids. Seek immediate competent medical attention.

SKIN EXPOSURE: Wash affected area with soap and copious amounts of water for at least 10 minutes. Rinse skin thoroughly. Remove contaminated clothes if necessary. Seek immediate medical advice.

INHALATION: Remove 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. Give oxygen if deemed necessary. If not breathing administer CPR. Get emergency care immediately.

INGESTION: Seek competent medical assistance immediately. Keep the victim calm. Do not induce vomiting.