

MATERIAL SAFETY DATA SHEET

Manufacturer: ProChem Inc.
826 Roosevelt Rd.
Rockford IL 61109

CUSTOMER SERVICE: (800) 795-8788
CHEMTREC (EMERGENCY ONLY): (800) 424-9300
POISON CENTER: (800) 562-8236

SECTION 1 Product Identification

CHEMICAL NAME: Thulium (III) chloride hydrate (99.9%-Tm) (REO)

CAS REGISTRY NUMBER: 19423-86-0

FORMULA: TmCl₃.xH₂O

EINECS NUMBER: none

CHEMICAL FAMILY: metal halide

SYNONYM: Thulium trichloride

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	13778-39-7	100	no data	no data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: May be mildly irritating to skin and eyes. Inhalation can lead to irritation of the respiratory tract.

PRIMARY ROUTES OF EXPOSURE: Ingestion, inhalation

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

SKIN CONTACT: May cause slight irritation of the skin.

INHALATION: Inhalation of dust can lead to irritation of the respiratory tract.

INGESTION: No information is available on the physiological effects of ingestion.

ACUTE HEALTH EFFECTS: May be irritating to skin, eyes and respiratory tract.

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

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.

SECTION 5 Fire Fighting Measures

FLASH POINT: not applicable

AUTOIGNITION TEMPERATURE: none

EXPLOSION LIMITS: none

EXTINGUISHING MEDIUM: none required