

# 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:** Tetrakis(diethylamino)titanium, 99%

**CAS REGISTRY NUMBER:** 4419-47-0

**FORMULA:** Ti[N(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>]<sub>4</sub>

**EINECS NUMBER:** none

**CHEMICAL FAMILY:** metal amide complex

**SYNONYM:** None

## SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	4419-47-0	100	no data	no data

## SECTION 3 Hazards Identification

**EMERGENCY OVERVIEW:** Flammable liquid and vapor. Inhalation may cause dizziness and headache. Corrosive to eyes, skin and mucous membranes.

**PRIMARY ROUTES OF EXPOSURE:** Eye, skin and inhalation

**EYE CONTACT:** Causes burning of the eyes.

**SKIN CONTACT:** Causes burns to the skin. Prolonged contact may dry the skin and lead to rashes.

**INHALATION:** Corrosive to the nose, mucous membranes and respiratory tract.

**INGESTION:** Causes burns to the mouth, throat and stomach.

**ACUTE HEALTH EFFECTS:** Corrosive to skin, eyes and mucous membranes.

**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 will need assistance in keeping their eye lids open. Get immediate medical attention.

**SKIN EXPOSURE:** Wash the affected area immediately with water. Remove contaminated clothing 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 directed by medical personnel.