

# 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:** Vanadium (IV) sulfate oxide hydrate

**CAS REGISTRY NUMBER:** 27774-13-6

**FORMULA:** VOSO<sub>4</sub>.XH<sub>2</sub>O

**EINECS NUMBER:** 248-652-7

**CHEMICAL FAMILY:** metal sulfate

**SYNONYM:** Vanadyl sulfate, hydrate

## SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	27774-13-6	100	no data	no data

## SECTION 3 Hazards Identification

**EMERGENCY OVERVIEW:** Irritating to eyes, skin and respiratory tract.

**PRIMARY ROUTES OF EXPOSURE:** Ingestion, inhalation

**EYE CONTACT:** Causes slight to mild irritation of the eyes.

**SKIN CONTACT:** Causes slight to mild irritation of the skin.

**INHALATION:** Inhalation of dust leads to irritation of the respiratory tract.

**INGESTION:** No information on the physiological effects of ingestion. May be harmful if swallowed.

**ACUTE HEALTH EFFECTS:** Irritating to skin, eyes and respiratory tract.

**CHRONIC HEALTH EFFECTS:** May cause heritable genetic damage.

**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