

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: Zirconium crystal bar turnings(99.5%)

CAS REGISTRY NUMBER: 10026-11-6

FORMULA: Zr

EINECS NUMBER: 231-176-9

CHEMICAL FAMILY: metal or element

SYNONYM: none

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	7440-67-7	100	5mg/m3 (as Zr)	no data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Inhalation hazard as a fine dust or fume.

PRIMARY ROUTES OF EXPOSURE: Inhalation (of dust or fume)

EYE CONTACT: The dust may cause mild to moderate irritation of the skin.

SKIN CONTACT: The dust may cause mild to moderate irritation of the skin.

INHALATION: Hazard associated with inhalation of fine dust or fume. May be irritating to nasal cavity and respiratory tract.

INGESTION: Ingestion of dust can cause irritation of the mouth, throat, and esophagus

ACUTE HEALTH EFFECTS: Powder may be irritating to skin, eyes and respiratory tract. Ingestion can lead to gastrointestinal effects, vomiting and nausea.

CHRONIC HEALTH EFFECTS: Long term skin or inhalation exposure to powder may lead to an allergic reaction in some susceptible individuals.

NTP: No

IARC: No

OSHA: No

SECTION 4 First Aid Measures

EYE EXPOSURE: (For dust) 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: The material is in the form of metal turnings. Skin exposure is not an issue.

INHALATION: (For dust) 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 victim calm. Give victim water (only if conscious). Induce vomiting only if directed by medical personnel.