

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: CADMIUM POTASSIUM CYANIDE**

**PRODUCT NO: 1361**

**CAS#: 14402-75-6**

**FORMULA:  $K_2Cd(CN)_4$**

**EINECS #: 238-371-8**

---

## SECTION 2 Composition and Information on Ingredients

---

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	14402-75-6	100	0.01 mg/m <sup>3</sup>	.02 mg/m <sup>3</sup>

---

## SECTION 3 Hazards Identification

---

**EMERGENCY OVERVIEW: DANGER! HIGHLY TOXIC** Highly toxic by ingestion, inhalation, skin absorption. Carcinogen. Causes Cancer. Danger of cumulative effects. Contact with acids liberates highly toxic gas. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**PRIMARY ROUTES OF EXPOSURE:** Inhalation, Ingestion, Skin absorption

**EYE CONTACT:** Risk of damage to eyes.

**SKIN CONTACT:** Harmful by skin absorption; danger of serious damage to health

**INHALATION:** Harmful by Inhalation. Danger of serious damage to health.

**INGESTION:** May be fatal if swallowed. Highly toxic

**SUBACUTE AND CHRONIC TOXICITY:** Nausea, vomiting, headache, possible unconsciousness. Moderate to severe erythema (redness) and moderate edema (raised skin)

Target Organs: Respiratory system, kidney, blood and lungs

---

## SECTION 4 First Aid Measures

---

**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water (lukewarm if possible) for at least 15 minutes. Assure rinsing under eyelids. Consult a physician immediately.

**SKIN EXPOSURE:** Wash affected area with copious soap and water. Rinse skin thoroughly. Remove contaminated clothes and shoes if necessary. Call a physician.

**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. Get emergency care immediately.

**INGESTION:** Seek competent medical assistance immediately. Keep the victim calm. Drink 1 -2 glasses of water provided person is conscious and induce vomiting.