

# 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:** Cesium hydroxide hydrate (99.9%-Cs)

**CAS REGISTRY NUMBER:** 12260-45-6

**FORMULA:** CsOH.XH<sub>2</sub>O

**EINECS NUMBER:** 244-344-1

**CHEMICAL FAMILY:** metal hydroxide

**SYNONYM:** Cesium hydrate

## SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	12260-45-6	100	2mg/m <sup>3</sup>	

## SECTION 3 Hazards Identification

**EMERGENCY OVERVIEW:** An alkaline hydroxide. Contact with the human body may result in chemical burns. Harmful if swallowed

**PRIMARY ROUTES OF EXPOSURE:** Ingestion, inhalation, skin and eyes

**EYE CONTACT:** Causes chemical burns to the eyes resulting in redness and watering.

**SKIN CONTACT:** Prolonged contact with moist skin causes chemical burns.

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

**INGESTION:** Harmful if swallowed. Ingestion may lead to dizziness, abdominal cramps, vomiting, bloody diarrhea, weakness, and convulsions.

**ACUTE HEALTH EFFECTS:** Harmful if swallowed. Corrosive 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.