

MATERIAL SAFETY DATA SHEET

24HR. EMERGENCY PHONE # 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: Cobalt (II) chloride, anhydrous
CAS#: 7646-79-9
FORMULA: CoCl₂
SYNONYM: Cobaltous chloride

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	7646-79-9	100	0.02mg/m ³ (as Co)	no data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Dust can cause severe irritation of eyes, skin, and nasal cavity. Harmful if swallowed.

PRIMARY ROUTES OF EXPOSURE: Contact with skin and eyes. Ingestion and dust inhalation.

EYE CONTACT: May cause severe irritation of the eyes

SKIN CONTACT: May cause moderate irritation of the skin. May cause dermatitis.

INHALATION: Dust may be irritating to the nose, mucous membranes and respiratory tract, and cause shortness of breath.

INGESTION: Ingestion of moderate amounts may lead to dizziness, abdominal cramps, vomiting, bloody diarrhea, weakness, shock, and convulsions.

CHRONIC HEALTH EFFECTS: Inhalation of dust may cause respiratory problems. May damage liver and kidneys. Mutagen and reproductive effector in animal studies.

ACUTE HEALTH EFFECTS: May be irritating to skin, eyes and respiratory tract. Toxic if ingested.

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.

SKIN EXPOSURE: Wash 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 assistance immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.