

PRMI

PROCHEM, INC.

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**MATERIAL SAFETY
DATA SHEET**

**EMERGENCY TELEPHONE
CHEMTREC: 1-800-424-9300**

NAME USED ON LABEL: **CHROMIUM II ACETATE, hydrate**

CHEMICAL NAME: CHROMIUM II ACETATE, hydrate

SYNONYMS: CHROMOUS ACETATE

CHEMICAL FAMILY: CHROMIUM COMPOUND

FORMULA: $C_4H_6O_4 \cdot 2H_2O$

HMIS CODES HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0

INGREDIENTS

IDENTITY	CAS NO.	%	TLV
CHROMIUM II ACETATE	628-52-4	95	not established

(OSHA PEL for chromium: $0.5mg(Cr^{+3})/m^3$)

PHYSICAL DATA

Boiling Point: not determined	Melting Point: not determined
Specific Gravity: 1.79	Vapor Pressure: not determined
Vapor Density: NA	Solubility in water: soluble
% volatiles: <2	Evaporation rate: NA
Molecular Weight: 340.17/376.20	Other: NA
Appearance & Color: red-brown powder	

FIRE & EXPLOSION DATA

Flash Point, COC: $>110^{\circ}C$ ($>230^{\circ}F$) Autoignition Temp.: not determined
Flammability Limits: NA

Extinguishing Media: Water spray, foam, carbon dioxide, dry chemical.
Special Fire Fighting Procedures: Avoid eye and skin contact. Do not breathe fumes or inhale vapors.

Unusual Fire and Explosion Hazards: Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

-1-(CXCR010)

ENVIRONMENTAL INFORMATION

Spill response: Sweep material and transfer to a suitable container for disposal.

Recommended Disposal: Dispose of as solid waste. If dissolved in water, precipitate as sulfide. Follow all chemical pollution control regulations.

HEALTH HAZARD DATA

Eye Contact: May cause immediate or delayed severe eye irritation.

Skin contact: May produce irritation or contact dermatitis. Prompt and thorough washing with soap and water will reduce or eliminate potential dermal effects.

Inhalation: Inhalation of dust or particulates may irritate the respiratory tract.

Oral Toxicity: not determined

Chronic Toxicity: No data available. The related compound, chromic acetate, is an experimental tumorigen and suspected carcinogen.

SUGGESTED FIRST AID

EYES: In case of contact, immediately flush eyes with flowing water for at least 15 minutes. Get medical attention.

SKIN: Flush with water, then wash with soap and water.

INHALATION: Move exposed individual to fresh air. Administer oxygen if needed. Call a physician.

INGESTION: Never give fluids or induce vomiting if patient is unconscious or having convulsions. Get medical attention.

REACTIVITY DATA

Stability: Stable

Conditions to avoid: Store away from oxidizers.

Hazardous decomposition products: Organic acid vapors and chromium oxide fumes.