

AERCHEM INC.
320 North Walnut
Bloomington, IN 47408

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

Effective Date: 06/30/94
Product Name: Potassium Chromium Sulfate
Synonym: **Chrome Alum Crystal**
CAS No.: 10279-63-7

Hazardous Ingredients:

Potassium Chromium Sulfate--SARA 313 Chemical
Exposure Limit: TWA: 0.5mg/CU meter as Chromium.
Suspect Carcinogen: No

Physical Data:

Melting point (range) Approx.: N/A
Boiling point: N/A
pH (depends on quality): N/A
Solubility in water: 200 gm/L at 20°C
Odor: None
Physical form: Violet crystals
Tap density: N/A
Specific Gravity: 1.83

Fire and Explosion Information:

Flash point: N/A
(Auto) Ignition temperature: N/A
Extinguishing media to be recommended: Not Flammable
Fire and explosions hazards: None

Hazard Symbol Codes:	NFPA	HMIS
Health:	0	0
Flammability:	0	0
Reactivity:	0	0

Reactivity Data: Stable X Unstable _____

Hazardous Decomposition: None known products.

Hazardous Polymerization: Will not occur.

Incompatibilities: N/A

Handling and Storage Information:

Store in a dry area to prevent caking. Avoid dusting.
D.O.T Class: None UN Register: None
IMCO Class: None UN Register: None

Leak/Spill Information:

Scoop, vacuum or sweep up in the most convenient manner for reclamation or disposal.

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Disposal Information:

Bury in a EPA approved landfill. Follow all Local, State and Federal regulations.

RCRA# (if disposed as received): None

Health Hazard Information:

A. Exposure/Health Effects

Inhalation: Possible irritation of mucus membranes. Irritation due to particulate matter.

Ingestion: Possible irritation of mucus membranes. Irritation due to particulate matter.

Skin Contact: None. Prolonged contact may cause irritation.

Eye contact: Irritation due to particulate matter.

Chronic Exposures: Possible allergic contact dermatitis.

Aggravation of pre-existing conditions: Existing skin disorders.

B. First Aid:

Inhalation: Remove to fresh air.

Ingestion: If conscious, give several glasses of water and induce vomiting. Get medical attention.

Skin Contact: Wash with soap and water.

Eye Contact: Flush with water for 15 minutes. If any irritation persists, get medical attention.

C. Toxicity Data

Exposure Limit: TWA: 0.5mg/CU meter as Chromium +3

Suspect Carcinogen: No

Occupational Control Measures:

Airborne Exposure Limit: N/A

Ventilation Systems: Sufficient to keep below TWA limits.

Personal Respirators: If TWA limit is exceeded, must be NIOSH or MSHA approved.

Skin Protection: Sufficient to prevent skin contact. Rubber gloves.

Eye Protection: Safety goggles or chemical goggles.
