



# Safety Data Sheet

Better Chemistry. **Better Business**

**HALLCOAT PL**

Revised: 5/19/15

## 1 IDENTIFICATION

**Product Code** :2420010

**Recommended use of the chemical and restrictions on use:**Industrial applications

Hubbard-Hall Inc.

Telephone

**Prevention:**

**After Ingestion:**

If swallowed: Rinse mouth. Do NOT induce vomiting.

Immediately call poison center or doctor and explain the type of exposure to the chemical(s) and provide the name of the chemical(s).

**Most Important Symptoms/Effects**

**Inhalation:**

Inhalation of chromic acid dust will produce irritation to the gastrointestinal or respiratory tract, characterized by burning, sneezing and coughing. severe overexposure can produce lung damage, choking, unconsciousness or death.. Overexposure by inhalation may cause respiratory irritation.

**Eye:**

Eye contact can result in corneal damage or blindness. Inflammation of the eye is characterized by redness, watering, and itching.

**Skin:**

Skin contact can produce inflammation and blistering. Prolonged exposure may result in skin burns and ulcerations. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

**Special Precautions / Procedures:**

Persons with pre-existing skin disorders, asthma, allergies or known sensitization to chromic acid or chromates may be more susceptible to the effects of this material.

**5 FIRE FIGHTING MEASURES**

**Suitable and Unsuitable extinguishing media:**

Avoid contact with water. Use foam, dry chemical or carbon dioxide.

**Specific hazards arising from the chemical:**

Sulfur dioxide may be produced.

Not combustible, but substance is a strong oxidizer and its heat of reaction with reducing agents or combustibles may cause ignition. Will ignite on contact with acetic acid and alcohol. Releases oxygen upon decomposition, increasing the fire hazard. Contact with oxidizable substances may cause violent combustion. Containers may explode when involved in a fire.

**Special protective equipment and precautions for firefighter**

Fire fighters should enter area only if they are protected from all contact with the material. Full protective clothing, including self-contained breathing apparatus, coat, pants, gloves, boots and bands around legs, arms, and waist, should be worn. No skin surfaces should be exposed.

**6 ACCIDENTAL RELEASE MEASURES**

**Methods and Materials for containment & cleaning up:**

If trained in accordance 29 CFR 1910.120, leaks should be stopped. Spills should be contained and cleaned immediately. Persons performing clean up work should wear adequate personal protective equipment and clothing. Spills and releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

If trained according to OSHA 29 CFR 1910.120 contain the spill, clean it up and decontaminate the area.

Avoid release to the environment.

Eating, drinking and smoking in the work area is prohibited.

Do not get in eyes, or on skin, or on clothing.

Keep only in original container .

Keep container tightly closed.

**Conditions for safe storage,  
inc any incompatibilities:**

Store in corrosive resistant container.

Store locked up and away from incompatible chemicals.

Store in cool dry place.

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Name	Std.	TWA-8hrs	STEL - 15 min.
Chromium trioxide	ACGIH	0.05 mg/m3	-
Ammonium Bifluoride	ACGIH	2.5 mg/m3 (F)	-
Nitric Acid	ACGIH	2 ppm	4 ppm

ACGIH - American Control of Governmental Hygenists  
OSHA - Occupational Safety and Health Administration

**Ventilation:** Use local exhaust to keep personal exposures below the OSHA Permissible Exposure Limit (s) (PEL) or the ACGIH threshold Limit Values (TLV)Time Weight Average (TWA).

**Respiratory Protection:** A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI 788.2 or applicable federal requirements must be followed whenever work place conditions warrant respirator use. NIOSH's Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

**Protective Gloves:** Acid resistant rubber.

**Eye Protection:** Wear chemical safety goggles with face shield.

**Other Protective Equipment:** Rubber aprons, safety shoes and similar protective clothing.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Dark red liquid

<b>Partition Coefficient; n-octanol/water:</b>	N/A
<b>Auto-ignition Temperature:</b>	N/A
<b>Decomposition Temperature:</b>	N/A
<b>Viscosity:</b>	N/A

**Cercla**

RQ Chromic Acid = 10 lbs

**Sara Hazard  
Classification**

SARA Title III Section 311 Categories: Immediate (Acute) Health Effects: Yes, Delayed (Chronic) Health Effects: Yes, Fire Hazard: No, Sudden Release of Pressure Hazard: No, Reactivity Hazard: No

**Sara Hazard  
Classification**

\* THIS SUBSTANCE IS A CHEMICAL SUBJECT TO SARA TITLE III, SECTION 313 REPORTING REQUIREMENTS.

**Sara Hazard  
Classification**

Subject to reporting levels established by SARA Title III, Section 302