



# SAFETY DATA SHEET

## 1. Identification

**Material name:** SAMPLE - STAIN CRETE - 8 OZ WALNUT  
**Material:** CSCS 0008 940

### Recommended use and restriction on use

**Recommended use:** Additive  
**Restrictions on use:** Not known.

### Manufacturer/Importer/Supplier/Distributor Information

EUCLID CHEMICAL COMPANY  
19218 REDWOOD ROAD  
CLEVELAND OH 44110  
US

**Contact person:** EH&S Department  
**Telephone:** 216-531-9222  
**Emergency telephone number:** 1-800-424-9300 (US); 1-613-996-6666 (Canada)

## 2. Hazard(s) identification

### Hazard Classification

#### Health Hazards

Acute toxicity (Oral)	Category 3
Acute toxicity (Dermal)	Category 4
Acute toxicity (Inhalation - dust and mist)	Category 2
Skin Corrosion/Irritation	Category 1A
Serious Eye Damage/Eye Irritation	Category 1
Respiratory sensitizer	Category 1
Skin sensitizer	Category 1
Germ Cell Mutagenicity	Category 1B
Carcinogenicity	Category 1A
Toxic to reproduction	Category 1B

#### Unknown toxicity - Health

Acute toxicity, oral	78.37 %
Acute toxicity, dermal	82.21 %
Acute toxicity, inhalation, vapor	100 %
Acute toxicity, inhalation, dust or mist	87.45 %

#### Environmental Hazards

Acute hazards to the aquatic environment	Category 3
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#### Unknown toxicity - Environment

Acute hazards to the aquatic environment	89.9 %
Chronic hazards to the aquatic environment	100 %

**3. Composition/information on ingredients****Mixtures**

Chemical Identity	CAS number	Content in percent (%)*
Chromic acid , disodium salt	10588-01-9	7 - 13%
Hydrogen chloride	7647-01-0	5 - 10%
Ferrous Chloride	7758-94-3	3 - 7%
Manganese Chloride	7773-01-5	3 - 7%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**4. First-aid measures**

- Ingestion:** Rinse mouth. Call a physician or poison control center immediately. Never give liquid to an unconscious person. Do not induce vomiting without advice from poison control center.
- Inhalation:** Call a physician or poison control center immediately. If breathing stops, provide artificial respiration. Move to fresh air. If breathing is difficult, give oxygen.
- Skin Contact:** Call a physician or poison control center immediately. Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention.
- Eye contact:** Remove contact lenses, if present and easy to do. Continue rinsing. Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Call a physician or poison control center immediately.

**Most important symptoms/effects, acute and delayed**

- Symptoms:** Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping. Extreme irritation of eyes and mucous membranes, including burning and tearing.

**Indication of immediate medical attention and special treatment needed**

- Treatment:** Symptoms may be delayed.

**5. Fire-fighting measures**

- General Fire Hazards:** No unusual fire or explosion hazards noted.

**Suitable (and unsuitable) extinguishing media**

- Suitable extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.
- Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.



	OSHA_A CT	0.0025 mg/m3	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001- 1050) (02 2006)
	Ceiling	0.1 mg/m3	US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)
Hydrogen chloride	Ceiling	2 ppm	US. ACGIH Threshold Limit Values (2011)
	Ceiling	5 ppm 7 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Ferrous Chloride - as Fe	TWA	1 mg/m3	US. ACGIH Threshold Limit Values (2011)
Manganese Chloride - Inhalable fraction. - as Mn	TWA	0.1 mg/m3	US. ACGIH Threshold Limit Values (02 2013)
Manganese Chloride - Respirable fraction. - as Mn	TWA	0.02 mg/m3	US. ACGIH Threshold Limit Values (02 2013)
Manganese Chloride - as Mn	Ceiling	5 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)

Chemical name	type	Exposure Limit Values	Source
Chromic acid , disodium salt - as Cr	TWA	0.025 mg/m3	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)
	CEILING	0.1 mg/m3	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)



chromium: Sampling time: End of shift at end of work week.)		
Chromic acid , disodium salt (Total chromium: Sampling time: Increase during shift.)	10 µg/l (Urine)	ACGIH BEL (03 2013)

**Appropriate Engineering Controls**

Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of vapors and mist. Mechanical ventilation or local exhaust ventilation may be required.

**Individual protection measures, such as personal protective equipment**

**General information:**

Provide easy access to water supply and eye wash facilities. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Eye/face protection:**

Wear a full-face respirator, if needed. Wear safety glasses with side shields (or goggles) and a face shield.

**Skin Protection**

**Hand Protection:**

Use suitable protective gloves if risk of skin contact.

**Other:**

Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

**Respiratory Protection:**

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

**Hygiene measures:**

Avoid contact with skin. Observe good industrial hygiene practices. Do not eat, drink or smoke when using the product. Wash hands after handling. Wash hands before breaks and immediately after handling the product. Do not get in eyes. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash contaminated clothing before reuse. Do not get this material in contact with skin. Contaminated work clothing should not be allowed out of the workplace.

**9. Physical and chemical properties**

**Appearance**

**Physical state:** liquid  
**Form:** liquid



<b>Inhalation:</b>	In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.
<b>Skin Contact:</b>	Harmful in contact with skin. Causes severe skin burns. May cause an allergic skin reaction.
<b>Eye contact:</b>	Causes serious eye damage.

**Information on toxicological effects****Acute toxicity (list all possible routes of exposure)**

<b>Oral</b>	
<b>Product:</b>	ATEmix: 168.54 mg/kg
<b>Dermal</b>	
<b>Product:</b>	ATEmix: 1,504.02 mg/kg
<b>Inhalation</b>	
<b>Product:</b>	ATEmix: 0.42 mg/l

<b>Repeated dose toxicity</b>	
<b>Product:</b>	No data available.

<b>Skin Corrosion/Irritation</b>	
<b>Product:</b>	No data available.

<b>Serious Eye Damage/Eye Irritation</b>	
<b>Product:</b>	No data available.

<b>Specified substance(s):</b>	
Chromic acid , disodium salt	Irritating
Hydrogen chloride	in vivo (Rabbit, 1 hrs): Category 1
Ferrous Chloride	in vivo (Rabbit, 24 - 72 hrs): Category 1

<b>Respiratory or Skin Sensitization</b>	
<b>Product:</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause sensitization by inhalation.

<b>Carcinogenicity</b>	
<b>Product:</b>	No data available.



Manganese Chloride LC 50 (Rainbow trout,donaldson trout (Oncorhynchus mykiss), 28 d): 2.6 - 3.23 mg/l Mortality

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s):**

Chromic acid , disodium salt LC 50 (Water flea (Daphnia magna), 24 h): 0.487 mg/l Mortality

Hydrogen chloride LC 50 (Green or European shore crab (Carcinus maenas), 48 h): 240 mg/l Mortality

Ferrous Chloride EC 50 (Water flea (Daphnia magna), 64 h): 17 mg/l Intoxication

**Chronic hazards to the aquatic environment:****Fish**

**Product:** No data available.

**Specified substance(s):**

Ferrous Chloride NOAEL (Pimephales promelas, 33 d): 1 mg/l interpreted

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability****Biodegradation**

**Product:** No data available.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative Potential****Bioconcentration Factor (BCF)**

**Product:** No data available.

**Specified substance(s):**

Manganese Chloride Brown trout (Salmo trutta), Bioconcentration Factor (BCF): 17.8 (Renewal)

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**Mobility in Soil:** No data available.



**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Immediate (Acute) Health Hazards  
Delayed (Chronic) Health Hazard

**SARA 302 Extremely Hazardous Substance**

<u>Chemical Identity</u>	<u>Reportable quantity</u>	<u>Threshold Planning Quantity</u>
Hydrogen chloride	5000 lbs.	500 lbs.

**SARA 304 Emergency Release Notification**

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Chromic acid , disodium salt	10 lbs.
Hydrogen chloride	5000 lbs.
Ferrous Chloride	100 lbs.
Manganese Chloride	

**SARA 311/312 Hazardous Chemical**

<u>Chemical Identity</u>	<u>Threshold Planning Quantity</u>
Hydrogen chloride	500lbs
Chromic acid , disodium salt	500 lbs
Ferrous Chloride	500 lbs
Manganese Chloride	500 lbs

**SARA 313 (TRI Reporting)**

<u>Chemical Identity</u>
Chromic acid , disodium salt
Hydrogen chloride
Manganese Chloride

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Hydrogen chloride	15000 lbs
Hydrogen chloride	5000 lbs

**US State Regulations**

**US. California Proposition 65**

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

**US. New Jersey Worker and Community Right-to-Know Act**

<u>Chemical Identity</u>
Chromic acid , disodium salt
Hydrogen chloride
Ferrous Chloride
Manganese Chloride



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Version: 1.0  
Revision Date: 09/29/2015

US TSCA Inventory:	All components in this product are listed on or exempt from the Inventory.
New Zealand Inventory of Chemicals:	All components in this product are listed on or exempt from the Inventory.
Japan ISHL Listing:	One or more components in this product are not listed on or exempt from the Inventory.
Japan Pharmacopoeia Listing:	One or more components in this product are not listed on or exempt from the Inventory.

#### 16. Other information, including date of preparation or last revision

<b>Revision Date:</b>	09/29/2015
<b>Version #:</b>	1.0
<b>Further Information:</b>	No data available.
<b>Disclaimer:</b>	For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.