


**STAIN-CRETE CHEM STAIN - 1 GL RUST BROWN STAIN-CRETE CHEM STAIN
- 1 GL RUST BROWN**

 Version 3.0
 REVISION DATE: 07/08/2012

Print Date 04/25/2013

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : STAIN-CRETE CHEM STAIN - 1 GL RUST BROWN STAIN-CRETE CHEM STAIN - 1 GL RUST BROWN

Product code : CSCR G001 675

COMPANY : Increte Systems - A Division of The Euclid Chemical Company
1611 Gunn Highway
Odessa, FL 33556

Telephone : 1-800-752-4626

Emergency Phone: : U.S. only: 1-800-424-9300
International Users Call Collect: 1-703-527-3887

Product use : Admixture

SECTION 2 - HAZARDS IDENTIFICATION**Emergency Overview**

Brown. Liquid. May cause mucous membrane irritation. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : May cause mucous membrane irritation.

Eyes : May cause irreversible damage and burns to the eyes.

Ingestion : May cause burns to lips, tongue, oral mucosa, esophagus and stomach.

Skin : May cause severe burns, blistering and skin damage.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

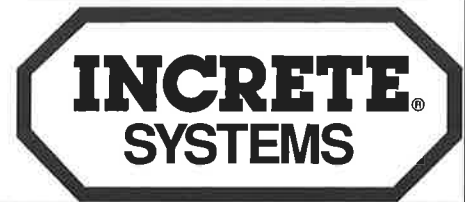
Chronic Health Effects

Fillers are encapsulated and not expected to be released from product under normal conditions of use.

Target Organs: Skin, Lung, Eye

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	> 60.0
Chromic acid , disodium salt	10588-01-9	10.0 - 30.0
Ferrous Chloride	7758-94-3	7.0 - 13.0
Hydrogen chloride	7647-01-0	5.0 - 10.0



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SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

- Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for at least 15 minutes while holding eye lids apart. Get medical attention immediately.
- Skin contact : Remove from skin and immediately flush with water for 15 minutes. Get medical attention.
- Ingestion : Get medical attention. Do not induce vomiting.

SECTION 5 - FIRE FIGHTING MEASURES

- Flash point : Not available.
- Method : Not available.
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : This product is not expected to burn under normal conditions of use.
- Hazardous combustion products : Carbon monoxide, carbon dioxide, and nitrogen oxides.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Neutralize with alkaline material. Do not store in steel drums. Absorb spill in sand, earth or other suitable material.

SECTION 7 - HANDLING AND STORAGE

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Change soiled work clothes frequently. Clean hands thoroughly after handling. Store under normal warehouse conditions in sealed containers. Do not store or use near food.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment



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- Respiratory protection : Use full engineering controls before relying on personal protective equipment.
- Hand protection : Protect hands with impervious gloves.
- Eye protection : Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
- Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.
- Protective measures : Use professional judgment in the selection, care, and use.
- Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

Chemical Name	CAS Number	Regulation	Limit	Form
Chromic acid , disodium salt	10588-01-9	ACGIH TWA:	0.05 mg/m3	as Cr
		ACGIH TWA:	0.01 mg/m3	as Cr
		OSHA PEL:	1 mg/m3	as Cr
Ferrous Chloride	7758-94-3	ACGIH TWA:	1 mg/m3	as Fe

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Form : Liquid
- Color : Brown
- Odor : Pungent
- pH : < 1
- Vapour pressure : Not available.
- Vapor density : Not available.
- Melting point/range : Not available.
- Freezing point : Not available.
- Boiling point/range : Not available.
- Water solubility : Miscible
- Specific Gravity : 1.1416
- % Volatile Weight : 72.8 %

SECTION 10 - REACTIVITY / STABILITY

- Substances to avoid : Metal.Strong bases.Oxidizing agents.
- Stability : Stable



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Hazardous polymerization : Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Hydrogen chloride, CAS-No.: 7647-01-0
Acute oral toxicity (LD-50 oral) 900 mg/kg (Rabbit)
Acute inhalation toxicity (LC-50) 3,124 mg/l for 1 h (Rat) 1,108 mg/l for 1 h (Mouse)
Acute dermal toxicity (LD-50 dermal) 1,449 mg/kg (Mouse)

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

RCRA Class : D007: Reportable Quantity = 10 lbs. Chromium
This classification applies only to the material as it was originally produced.

Disposal Method : Subject to hazardous waste treatment, storage, and disposal requirements under RCRA. Recycle or incinerate waste at EPA approved facility or dispose of in compliance with federal, state and local regulations.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

CFR / DOT:

UN3264, Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric Acid), 8, PG III

TDG:

UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrochloric Acid), 8, PG III

IMDG:

UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrochloric Acid), 8, PG III

Further Information:

The above shipping description may not be accurate for all container sizes and all modes of transportation. Please refer to Bill of Lading.

SECTION 15 - REGULATORY INFORMATION

North American Inventories:

All components are listed or exempt from the TSCA inventory.
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.



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U.S. Federal Regulations:

SARA 313 Components : Chromic acid , disodium salt 10588-01-9
Hydrogen chloride 7647-01-0

SARA 311/312 Hazards : Acute Health Hazard
Chronic Health Hazard

OSHA Hazardous Components :

Chromic acid , disodium salt 10588-01-9
Ferrous Chloride 7758-94-3
Hydrogen chloride 7647-01-0

OSHA Status: Considered : Irritant
hazardous based on the Carcinogen
following criteria:

OSHA Flammability : Not Regulated

Regulatory VOC (less water and : 0 g/l
exempt solvent)
VOC Method 310 : 0 %

Chemical is listed as an IARC, NTP, OSHA, or ACGIH Carcinogen:
Chromic acid , disodium salt 10588-01-9

U.S. State Regulations:

MASS RTK Components : Chromic acid , disodium salt 10588-01-9
Ferrous Chloride 7758-94-3
Hydrogen chloride 7647-01-0

Penn RTK Components : Water 7732-18-5
Chromic acid , disodium salt 10588-01-9
Ferrous Chloride 7758-94-3
Hydrogen chloride 7647-01-0

NJ RTK Components : Water 7732-18-5
Chromic acid , disodium salt 10588-01-9
Ferrous Chloride 7758-94-3
Hydrogen chloride 7647-01-0

Components under California Proposition 65:

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm



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SECTION 16 - OTHER INFORMATION

HMIS Rating :

Health	3
Flammability	0
Reactivity	0
PPE	

0 = Minimum
 1 = Slight
 2 = Moderate
 3 = Serious
 4 = Severe

Further information:

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.

Prepared by: Rich Mikol

Legend

ACGIH - American Conference of Governmental Hygienists
 CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
 DOT - Department of Transportation
 DSL - Domestic Substance List
 EPA - Environmental Protection Agency
 HMIS - Hazardous Materials Information System
 IARC - International Agency for Research on Cancer
 MSHA - Mine Safety Health Administration
 NDSL - Non-Domestic Substance List
 NIOSH - National Institute for Occupational Safety and Health
 NTP - National Toxicology Program
 OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit
 RCRA - Resource Conservation and Recovery Act
 RTK - Right To Know
 SARA - Superfund Amendments and Reauthorization Act
 STEL - Short Term Exposure Limit
 TLV - Threshold Limit Value
 TSCA - Toxic Substances Control Act
 TWA - Time Weighted Average
 V - Volume
 VOC - Volatile Organic Compound
 WHMIS - Workplace Hazardous Materials Information System