



Safety Data Sheet

Revised: 06/01/2015

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Pro-Etch Concrete Acid Stain

1. PRODUCT AND COMPANY IDENTIFICATION

Camouflaged Concrete Corp.
186 Camouflage Lane
Isabella, MO. 65676 USA
800 650 1157

Emergency Telephone Numbers: INFOTRAC
800 535 5053 (US and Canada)
352 323 3500 (International)

Product Name: Pro-Etch Concrete Acid Stains

Product Use: Chemical stains for concrete and masonry

2. HAZARDS IDENTIFICATION

Signal Word: DANGER

Hazard Classification: Corrosive

Hazard Statements:

H302 - Harmful if swallowed

H312 - Harmful in contact with skin.

H318 - Causes serious eye damage.

Precautionary Statements

P202 - Do not handle until all safety precautions have been read and understood.

P264 - Wash skin thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves / protective clothing / eye protection / face protection.

P203+P330+P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin thoroughly with water / Wash with soap and water and rinse well.

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 - Dispose of contents/container to an approved waste disposal plant.

Hazard Pictograms:



Hazards Not Otherwise Classified: None known.

3. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS No.</u>	<u>Percentage %</u>
Hydrochloric Acid	7647-01-0	4-8%
Sodium Dichromate	10588-01-9	2-10%

The exact percentage (concentration) of composition has been withheld as a trade secret.



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4. FIRST AID MEASURES

General Information: Immediately remove any clothing soiled by the product and launder before reuse.

Inhalation: Remove to fresh air immediately. If breathing difficulty continues, **Get Medical Help.**

Skin Contact: Immediately wash with water and soap and rinse thoroughly. If irritation develops, **Get Medical Help.**

Eye Contact: Flush thoroughly with water for 15 minutes, lifting both eyelids. If irritation persists, **Get Medical Help.**

Ingestion: DO NOT INDUCE VOMITING. Drink two glasses of water and **Get Immediate Medical Help.** Never give anything by mouth to an unconscious person.

Most Important Symptoms and Effects

Acute: Severe eye irritation.

Delayed: Skin irritation.

5. FIRE AND EXPLOSION HAZARD DATA / FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

Fire Hazard: Non-Flammable

Explosion Hazard: Non-Explosive

Reactivity: May react with aluminum to produce flammable hydrogen gas.

Products of Combustion: Not Applicable

Special Hazards Arising from the Substance or Mixture: No further relevant information available.

Special Remarks and Advice for Firefighters: Firefighters should wear MSHA / NIOSH (approved or equivalent) self-contained breathing apparatus pressure-demand and full protective gear / clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective equipment (See section VIII). Keep unprotected persons away.

Methods and material for containment and cleaning up

Spill Response: Absorb with liquid-binding material (sand, diatomite, and universal binders.)
Use neutralizing agent, such as sodium bicarbonate.

Waste Disposal: Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

Environmental precautions: Do not allow to enter sewers.



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7. HANDLING AND STORAGE

Handling

Precautions for safe handling: Ensure good ventilation. Use, store and transfer only with acid resistant plastic containers, DO NOT USE aluminum or any other metal container.

Additional Hazards: Avoid contact with aluminum and other metals. Reactions with aluminum, particularly foil, may generate flammable hydrogen gas.

Hygiene Measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing, launder before reuse. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Storage

Storage Conditions: Use, store and transfer only with acid resistant plastic containers, DO NOT USE aluminum or any other metal container.

Storage Area: Store at room temperature in well ventilated place. Keep containers tightly sealed.

Incompatible Products and Materials: Avoid contact with aluminum and other metals. Reactions with aluminum, particularly foil, may generate flammable hydrogen gas.

8. EXPOSURE CONTROL MEASURES / PERSONAL PROTECTION

Exposure Limits

CAS 7647-011-1 Hydrochloric Acid

PEL	5 ppm / 7 mg/m ³ (ceiling)
TVL	2 ppm / 3 mg/m ³ (ceiling)

Appropriate Engineering Controls: Local ventilation.

Personal Protective Equipment



Hand: Wear gloves of adequate length to offer appropriate skin protection from splashes. Nitrile, Butyl and PVC gloves have been found to offer adequate protection for incidental contact.

Eye: Safety Glasses.

Skin and Body: Non-absorptive boots. Adequate skin coverage such as long sleeve shirt and long pants.

Respiratory: None required. Ensure adequate ventilation, use mechanical means if needed. If exposure limits are exceeded or irritation is experienced, NIOSH / MSHA approved respiratory protection should be worn.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Liquid

Color: Various Colors

Odor: Pungent; acidic

pH-value: 1-2
Boiling Point/Boiling Range: ~212°F / 100°C
Freezing Point: NE
Flash Point: None
Auto Igniting: Product is not self-igniting.
Vapor Pressure: NE
Vapor Density: 1.12-1.30 g/cm³
Viscosity: NA
Solubility: Soluble
Evaporation Rate: NE
Flammability: Non-Flammable
Decomposition Temperature: NE

10. STABILITY AND REACTIVITY DATA

Conditions to be avoided: No decomposition if used according to specifications.

Incompatible materials: Bases, amines, alkali metals, metals - especially aluminum, permanganates, fluorine, metal acetylides, hexalithium disilicide, and bleach.

Hazardous Decomposition Products: No dangerous decomposition products known.

Reactivity: Reacts with concrete.

Chemical Stability: Stable.

Possibility of Hazardous Reactions: NA

11. TOXICOLOGICAL INFORMATION

Acute toxicity: NE

Likely Route of Exposure: Skin.

Exposure Symptoms

Eyes: Can cause severe irritation and eye damage.

Skin: Irritation and possible burns. May cause allergic reaction with some people. Avoid repeated contact.

Inhalation: Coughing, sore throat, shortness of breath, irritation of mucous membrane.

Ingestion: Sore throat, abdominal pain, burning. May cause kidney damage.

Effects (Short-term, Long-term)

Immediate: Eye irritation.

Delayed: Skin irritation.

Chronic: NA

Carcinogenicity: No.

Sensitization: No sensitizing effects known.



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12. ECOLOGICAL INFORMATION

Aquatic toxicity: No further relevant information available.

Persistence and Degradability: No further relevant information available.

Behavior in Environmental Systems

Bioaccumulative Potential: No further relevant information available.

Mobility in Soil: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or un-neutralized.

Other Adverse Effects: None known.

13. DISPOSAL CONSIDERATIONS

Recommendation: Do not allow product to reach waterways or storm sewers. Disposal must be made in accordance with local, state and federal regulations.

Recommended Cleansing Agent: Water.

Additional Information: Refer to Section 8

14. TRANSPORT INFORMATION

UN-Number: 1760
UN Proper Shipping Name: N.O.S., Hydrochloric Acid
Transport Hazard Class: 8 Corrosive substances
Packing Group: III
Environmental Hazards: None - Not a marine pollutant.
Additional Information: ORM-D Ground Transportation
Only for Containers of 5L or less.
Special Precautions for User: Warning: Corrosive Substances



15. OTHER REGULATORY INFORMATION

NFPA Ratings (Scale 0-4)



Health: 2
Fire: 1*
Reactivity: 2

*Material is nonflammable, however certain reactions may liberate flammable hydrogen gas.



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16. OTHER INFORMATION

NOTE: The information and recommendations contained herein are based upon data believed to be correct at the date of its publication. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. This information is designed as only a guide for safe handling, use, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. We accept no responsibility and disclaim all liability for any harmful effects and/or damage to any person or property due to the use, handling, storage or transportation of this product, nor the results achieved. Keep containers closed when not in active use. Keep away from children and pets.

End of Safety Data Sheet.