



Con-Etch II

Item Series #4450-3701

U.S. Department Of Labor
Occupational Safety And Health Administration
MATERIAL SAFETY DATA SHEET
Required Under USDL Safety And Health Regulations
(29 CFP 1910.1200 "Hazards Communication Standard")

Section I – Product Identification

Manufactured For: Gabriel First Corp.

Emergency Phone: 800-424-9300

Address: 233 W. Commercial Street, East Rochester, NY 14445

Product Name: Con-Etch II

Synonyms: VOC-Free Concrete Surface Conditioner

Chemical Formula: Proprietary

Prepared On: 09/18/10

DOT Classification: Not Regulated

DOT Shipping Name: Not Regulated (Ground Shipments)

HMIS RATING			
HEALTH	FLAMMABILITY	REACTIVITY	PROTECTION
2	0	0	B

Section II – Product & Component Data

CHEMICAL NAMES	CAS NO.	% / Wt.	Hazardous
Organic Acid Salt	506-89-8	29-31	Yes

Section III – Physical Data

Boiling Point: 100° C or 212° F for a 60% active solution.

Freezing Point: < -30° C for a 60% active solution.

Specific Gravity (H₂O=1): 1.12 – 1.16

% Activity: 30%

Physical Description: Clear light amber liquid. Mild odor.

Vapor Density (Air=1): N/A

Vapor Pressure (mm Hg): N/A

Evaporation Rate (BuAc=1): N/A

Solubility In Water: 100%

pH: <0.5

Section IV – Fire and Explosion Hazard Data

Flash Point/Method Used:

Flammability: Non-Flammable. Does not ignite.

Extinguishing Media: Water spray, carbon dioxide and dry chemical.

Special Fire Fighting Procedures: When fire fighting, wear self-contained breathing apparatus and full body protection. 140° F and higher thermal decomposition may yield oxides of carbon, nitrogen, and chlorine. Flammable, explosive hydrogen gas may be released upon contact with metals.

Unusual Fire And Explosion Hazards: N/A

Section V – Health Hazard Data

EMERGENCY OVERVIEW:

This product is corrosive to the eyes and a mild skin irritant. If ingested it may be harmful or fatal.

POTENTIAL HEALTH EFFECTS:

Inhalation: If vaporized, can be irritating to the respiratory tract.

Ingestion: Harmful or fatal if ingested.

Eye Contact: Causes burns to the eyes.

Skin Contact: Prolonged exposure can cause irritation.

Chronic Exposure: Repeated exposure causes drying, defatting and dermatitis.

Aggravation of Pre-existing Conditions: Yes. Will amplify present skin problems.

EMERGENCY FIRST AID PROCEDURES:

Inhalation: Move to fresh air and give artificial respiration and/or oxygen. Seek medical attention.

Ingestion: Do NOT induce vomiting. If conscious, give 3-4 glasses of water and seek medical attention.

Eyes: Flush with water for 15 minutes. Seek medical attention.

Skin: Flush with soap and water for 15 minutes. Seek medical attention if irritation develops. Remove contaminated clothing and wash before reuse.



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Section VI – Reactivity Data

Stability: Stable up to 110° C / 230° F (degrees)

Conditions To Avoid: Heating above 110° C may rapidly liberate CO₂ gas.

Hazardous Decomposition Products: Oxides of carbon, nitrogen, and chlorine. Hydrogen gas evolves when contacting certain metals.

Hazardous Polymerization: Will not occur.

Incompatibility (Materials To Avoid): Chlorates, nitrates, hypochlorite, sulfides, and cyanides will liberate toxic gas. Contact with alkaline materials will liberate heat.

Section VII – Spill or Leak Procedures

Steps To Be Taken In Case Material Is Released Or Spilled:

Collect for disposal. Small spills - absorb on sand. Large spills – provide diking and pump into compatible containers. Disposal is to be in accordance with all regulations.

Disposal Considerations:

Whatever cannot be saved for recovery or recycling should be disposed of in accordance with federal, state, and local requirements.

Section VIII – Special Protection Information

Exposure Controls/Personal Protection: The usual precautions for handling chemicals must be observed. Use adequate ventilation and exhaust system(s) and have eye wash station and safety shower in close proximity.

Personal respirators (NIOSH Approved): Not normally required if good ventilation maintained.

Ventilation: Enough exhaust to minimize exposure.

Protective Gloves: Use impervious gloves (nitrile or rubber)

Eye Protection: Use chemical goggles or face shield.

Section IX – Special Precautions

Precautions To Be Taken In Handling And Storing:

Keep out of reach of children. Store in tightly closed fiberglass, polyethylene or polypropylene containers. Do not store in metal containers. Do not store at temperatures above 120° F.

Section X – Toxicological Information

Toxicological Data: Not mutagenic by Ames Assay test. Corrosive to the eyes using the modified Draize test.

Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria. Not listed by IARC, NTP or ACHIG.

Section XI – Ecological Information

Environmental Fate: Urea is biodegradable.

Environmental Toxicity: 96 hour LCo > 140 mg/L (rainbow trout). 48 hour LC50 71. mg/L (ceriodaphnia dubia, 15 min. IC50, 16.23% effect at a concentration of 10 mg/L (Vibro fischeri, 4H6002).

Section XII – Regulatory Information

WHMIS Classification: Class D – Division 2B, Class E – Corrosive to aluminum, non-corrosive to skin or mild steel.

SARA 313: Not listed.

TSCA: Listed.

DSL: Listed.

California Prop. 65: Not listed.