



CHEMEON® Etch 2600

I IDENTIFICATION

Manufacturer's Name	CHEMEON Surface Technology, LLC
Address	2241 Park Place Ste B, Minden, NV 89423
Emergency Telephone	Chemtrec 24 hr. Emergency Telephone 800-424-9300 within U.S 703-527-3887 outside U.S.
Trade Name	CHEMEON Etch 2600
Use	Replenisher for acid etchant for aluminum

II HAZARD IDENTIFICATION



DANGER

Harmful if swallowed. Causes severe skin burns and eye damage.

Acute toxicity oral=3, Skin corrosion=1B, Serious eye damage=1

Prevention • Response • Storage/Disposal •

Precautionary statement(s)

Do not breathe dust or mist. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product

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

IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

Wash contaminated clothing before reuse.

Store locked up.
Dispose of contents/ container to an approved waste disposal plant.

II I COMPOSITION/INFORMATION ON INGREDIENTS

Material or Component	CAS No	%*
Sulfuric Acid	7664-93-9	1-10
Fluoride Salts	1341-49-7	30-60

*exact concentration is a trade secret range is meant to help with protecting workers

IV FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

Eyes:	Flush with water for 15 minutes. If burning or irritation persist see a doctor.
Skin:	Flush with water for 15 minutes. If irritation persists see a doctor.
Inhalation:	Remove to fresh air.
Ingestion:	Induce vomiting if conscious. If unconscious get medical attention.

V FIRE FIGHTING MEASURES

Extinguishing Media	Water, CO2, Dry Chemicals
Special Firefighting Procedures	NA
Unusual Fire and explosion Hazards	Do not mix with organic materials

VI. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Follow all local regulations. Treat with lime to neutralize and haul to hazardous landfill.

NEUTRALIZING CHEMICALS: Lime or soda ash.

WASTE DISPOSAL METHODS: The bath should be treated according to local regulations. Treating to precipitate the chrome should remove the fluoride in the bath.

CONTAINER HANDLING: Move & store drums with closure end up. Do not roll or drop. Do not stack more than 2 containers high. Make certain closure is secure before moving; keep closed when not in use. Loosen closure carefully. Never use pressure to empty. Keep away from excessive heat. Never add other material to container. Container is hazardous when empty & all appropriate precautions must be observed.

VII. Handling and Storage

Precautionary Statements: Corrosive , toxic liquid. Do not store with Alkalies.

Other Handling and Storage Requirements: Do not store material with alkaline materials.

VIII Exposure Controls/Personal Protection

Ventilation Requirements: Good Ventilation.

SPECIFIC PERSONNEL PROTECTIVE EQUIPMENT

Respiratory: None
 Eye: Safety glasses, face shield or chemical goggles.
 Gloves: Rubber gloves.
 Other clothing and equipment Rubber apron, rubber boots

IX PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor	Clear liquid
Boiling Point	>212°F
Melting Point	NA
Freezing Point	<0° F
Vapor Pressure	NA
Vapor Density	NA
Specific Gravity/Wt.per gal	1.176/9.8 lbs/gal
Solubility in Water %By wt	100
%Volatiles by wt	0
Evaporation Rate (Butyl Acetate=1)	Not Known
Flash Point	NA
Upper/Lower Flammability/explosive limit	NA
Odor Threshold	NA
Auto Ignition Temperature	NA
Decomposition Temperature	NA
Viscosity	NA
pH	3.5-4.0

X. STABILITY AND REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY: None

INCOMPATIBILITY: Strong Alkalies

HAZARDOUS DECOMPOSITION PRODUCTS:

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION: None.

XI TOXICOLOGICAL INFORMATION

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush with water for 15 minutes. See a doctor.
Skin: Flush with water for 15 minutes. Use calcium gel on affected area. If irritation persists see a doctor.
Inhalation: Remove to fresh air. Inhaling vapor can be extremely hazardous.
Ingestion: Do not induce vomiting if conscious. Give large amounts of water and milk with extra milk of magnesia. Get medical attention.

Routes of Exposure

Inhalation: If misted will cause irritation to nose and throat. May cause blisters and burns in nose.
Skin Contact: Will cause irritation and redness and on prolonged contact will cause blisters and burns. May bleach skin and remove blood causing gangrene.
Skin Absorption: Both liquid and vapor can cause severe burns that may not be immediately painful or visible. Acid will penetrate skin and attack underlying tissue and bone
Eye Contact: Will cause irritation and redness. If not treated could cause burns and blindness.
Ingestion: Will be irritating to throat and stomach. Can cause severe damage to soft tissue such as tongue and esophagus. Can affect kidney function and be fatal.

Effects of Overexposure

Acute Overexposure: Will cause irritation and redness to skin, eyes, nose and throat on prolonged contact will cause burns and blisters. If not treated in the eyes may cause blindness.

Chronic Toxicity: Bone & joint changes can occur (fluorosis).

XII. ECOLOGICAL INFORMATION

Not Known

XIII. DISPOSAL CONSIDERATIONS

NEUTRALIZING CHEMICALS: Caustic or soda ash.

WASTE DISPOSAL METHODS: The bath and the product should be neutralized to an

acceptable pH and discarded. Soda ash or caustic may be used. Care should be taken since heat and steam may be produced especially when neutralizing the product.

XIV. TRANSPORT INFORMATION

Corrosive liquid, inorganic, n.o.s., 8, UN3264, PGII, 8, (Sulfuric Acid, Ammonium Hydrogen Difluoride)

XV. REGULATORY INFORMATION

This product contains a chemical which is subject to the reporting requirements of Section 313 of the Emergency Planning Community Right-To-Know Act of 1986 and of 40 CFR 372

XVI. OTHER INFORMATION

HMIS: Fire 0 Health 2 Reactivity 0 Personal Protection D

To the best of our knowledge, the information contained herein is accurate. However, CHEMEON Surface Technology, LLC does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.