



CHEMEON® Etch 2000

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 2000
Use Alkaline etch for aluminum

II HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: HARMFUL IF SWALLOWED.
CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

HAZARD CLASS	HAZARD CATEGORY
ACUTE TOXICITY ORAL	4
SKIN CORROSION	1B
SERIOUS EYE DAMAGE	1

PICTOGRAM(S)



Prevention • Response • Storage/Disposal •

P260 - Do not breathe dust.
P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P310 - Immediately call a POISON CENTER or doctor/physician. P363 - Wash contaminated clothing before reuse.
P321 - Specific treatment, see supplemental first aid information. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes, Remove contact lenses, if present and

easy to do. Continue rinsing.

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P405 - Store locked up.

P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

II I COMPOSITION/INFORMATION ON INGREDIENTS

Material or Component	CAS No (TLV)	%	Hazard Data
Sodium Hydroxide	1310-73-2	91	LD 50 4090mg/kg
Fluoride Salt	1341-49-7	2	LD 50 52mg/kg

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: Collect with alkaline absorbent material or collect for disposal.

NEUTRALIZING CHEMICALS: Sulfuric Acid.

WASTE DISPOSAL METHODS: The bath and the product should be neutralized to an acceptable pH and discard according to local regulations. Sulfuric acid may be used. Care should be taken since heat and steam may be produced especially when neutralizing the product.

VII. Handling and Storage

Precautionary Statements: Corrosive alkaline. Do not store with Acids.

Other Handling and Storage Requirements: Do not store material with acid 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	White Solid
Boiling Point	NA
Melting Point	NA
Freezing Point	NA
Vapor Pressure	NA
Vapor Density	NA
Specific Gravity/Wt.per gal	1.09/9.09
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	>14

X. STABILITY AND REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY: None

INCOMPATIBILITY: Strong Acids

HAZARDOUS DECOMPOSITION PRODUCTS: None

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION: None.

XI TOXICOLOGICAL INFORMATION

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.

Routes of Exposure

Inhalation: If misted will cause irritation to nose and throat.
Skin Contact: Will cause irritation and redness.
Skin Absorption: Not absorbed
Eye Contact: Will cause irritation and redness. If not treated could cause burns and blindness.
Ingestion: Will be irritating to throat and stomach.

Effects Of Overexposure

Acute Overexposure: Will cause irritation and redness to skin, eyes, nose and throat. On prolonged contact will cause burns, blisters, and in eyes may cause blindness. If ingested can cause death.

Chronic Overexposure: None known.

XII. ECOLOGICAL INFORMATION

Not Known

XIII. DISPOSAL CONSIDERATIONS

NEUTRALIZING CHEMICALS: Sulfuric acid.

WASTE DISPOSAL METHODS: The bath and the product should be neutralized to an acceptable pH and disposed according to local regulations. Sulfuric acid may be used. Care should be taken since heat and steam may be produced especially when neutralizing the product.

XIV. TRANSPORT INFORMATION

UN 1759, Corrosive solid, n.o.s.(Sodium Hydroxide), 8, PGII

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 3 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.