

SAFETY DATA SHEETS

DURA-ETCH

SECTION 1: COMPANY AND PRODUCT INFORMATION

Manufacturer's Name / Address:
Trade Name:

DURA-Etch

DURACORP

 2560 Jason Court
 Oceanside, CA 92056
 (760) 758-7240

Intended Use: Mild etching solution for concrete

Emergency Phone:

CHEMTREC 800-424-9300

D.O.T. Proper Shipping Name:

Corrosive Liquid

SECTION 2: COMPOSITION / INGREDIENT INFORMATION

Hazardous Component	OSHA PEL	ACGIH TLV	CAS Number
Phosphoric Acid	1 mg/m ³	1 mg/m ³	7664-38-2
Nonylphenol Ethoxylate	None Established	None Established	9016-45-9

SECTION 3: HAZARD IDENTIFICATION

Primary Routes of Entry: X Inhalation X Skin Contact X Ingestion

Health Hazards (Acute and Chronic Exposures):

Acute: May cause skin burns, redness, eye damage, abdominal pain (ingestion), and nausea (ingestion)

Chronic: No chronic information available.

Skin Contact: Corrosive. May cause redness, pain, and skin burns.

Eye Contact: May cause redness, pain, blurred vision, eye burns, and permanent eye damage.

Inhalation: Inhalation is not an expected hazard unless misted or heated to high temperatures. Inhalation of mists or vapors can cause irritation to the nose, throat, and upper respiratory tract. Severe exposures can lead to chemical pneumonitis.

Ingestion: May cause sore throat, abdominal pain, nausea, and burns of the mouth, throat, and stomach.

Carcinogen: No.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin disorders or eye problems, or impaired respiratory function may be more susceptible to the effects of the substance.

SECTION 4: FIRST AID MEASURES

Skin: Immediately flush affected area with plenty of water for at least 15 minutes while removing contaminated clothing.

Eyes: Flush with a gentle but large stream of water for 15 minutes, lifting the lower and upper eyelids occasionally. Call a physician immediately.

Inhalation: Move to fresh air and provide oxygen if breathing is difficult.

Ingestion: DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. GET MEDICAL ATTENTION IMMEDIATELY.

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SECTION 5: FIRE FIGHTING MEASURES

Flash Point (ASTM D-92 COC): N/A

Flammable Limits: Not Determined

Extinguishing Media: Carbon Dioxide, Dry Chemical, Water fog.

Special Fire Fighting Procedures: Evacuate area and fight fire from a distance. Firefighters wear NIOSH approved self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURE

Steps to be Taken in Case of Material Release or Spillage: Shovel or soak up spilled material into plastic container and reuse or remove to approved chemical waste disposal area. Flush area with water directing runoff to appropriate treatment or disposal container. Never flush to sewer. Major spills should be reported according to regulations.

Waste Disposal Methods: Dispose of waste in accordance with federal, state and local regulations

SECTION 7: HANDLING AND STORAGE

Always wear recommended personal protective equipment. Avoid breathing misted material or fumes of heated material. Avoid spillage, which can cause very slippery conditions on floors. When diluting, always add concentrated product to the dilution water. Use good personal hygiene.

This material is corrosive and will damage metal materials.

Avoid excessive heat when storing. Do not store near oxidizers and strong alkalis.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: If the material is misted, use a NIOSH-approved respirator. If the material is heated, use an organic vapor respirator.

Ventilation: Normal ventilation is adequate.

Protective Gloves: Wear impervious gloves.

Eye Protection: Wear chemical safety glasses.

Other Protective Clothing or Equipment: As needed to prevent repeated / prolonged contact.

Work / Hygienic Practices: Use only in adequately-ventilated area unless recommended respiratory protection is used. Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (°C):	N/A	Specific Gravity (H2O=1):	1.26
Vapor Pressure:	N/A	Melting Point:	
Vapor Density:	N/A	Evaporation Rate: (Butyl Acetate = 1)	
Solubility in Water:	Negligible	pH:	NE
Flammability in Air	1 —7 % Volume		
Coefficient of Oil/Water Distribution:			
Appearance and Odor:		Clear liquid	
Odor Threshold: Mild			

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SECTION 10: STABILITY AND REACTIVITY DATA

Chemical Stability: X Stable Unstable
Conditions to Avoid: Extreme heat.
Incompatibility (Materials to Avoid) : Oxidizers and strong alkalis
Hazardous Decomposition Products: None
Hazardous Polymerization (Reactivity) : May Occur X Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

N/A

SECTION 12: ECOLOGICAL INFORMATION

N/A

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose material in accordance with applicable local, county, state and federal guidelines. Do not dispose in streams, wells, lakes, rivers, oceans or sewers.

SECTION 14: TRANSPORT INFORMATION

DOT Proper Shipping Name:

Corrosive Liquid, acidic, inorganic, N.O.S. (phosphoric acid), 8, UN3264, PG III

SECTION 15: REGULATORY INFORMATION

Health: 2 Flammability: 0 Reactivity: 1

California Proposition 65: N/A For all state regulations, please check with the appropriate state agency..

Federal Warning: Section 313 Supplier Notification – product contains the toxic chemical(s) subject to the reporting requirements of SARA TITLE III, Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372

SECTION 16: OTHER INFORMATION

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(NA = Not Applicable) (NE = Not Established) (ND = No Data) (NR = Not Required)