

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

DATE ISSUED: 11/2004

**PRODUCT NAME:** H.D. CONCRETE  
DEGREASER & ETCH

**SUPPLIER'S NAME:**  
Superior Sanitary Supply

**DOT CLASSIFICATION:** Corrosive

**PRODUCT #:** 9330

**SUPPLIER'S ADDRESS:**  
176 Front Street  
Hempstead, NY 11550

**DOT SHIPPING NAME:** Compound, Cleaning  
Liquid (contains Hydrogen Chloride) 8, NA 1760, PG  
II.

**PRODUCT TYPE:** Acid Cleaner

**HAZARD RATING:**

**CHEMICAL FAMILY:** Acid Solution

**EMERGENCY PHONE:** 800-535-5053

**HEALTH:** 3      **FLAMMABILITY:** 0  
**REACTIVITY:** 1      **PERSONAL PROTECTION:** E

## SECTION 2 - INGREDIENTS INFORMATION

CHEMICAL NAME	CAS NO.	% / WT.	THRESHOLD LIMIT VALUE
*PHOSPHORIC ACID	7664-38-2	TO 40	1mg/m3
*HYDROGEN CHLORIDE	7647010	TO 20	5ppmTWA
*2-BUTOXY ETHANOL	111-76-2	TO 15	50ppmTWA
NONIONIC SURFACTANT (BLEND)	MIXTURE	TO 15	N/E
WATER	7732-18-5	TO 10	NONE

\*An asterisk indicates the toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372:

## SECTION 3 - PHYSICAL DATA

## SECTION 4 - REACTIVITY DATA

**BOILING RANGE (F):** 212-220 °F      **SPECIFIC GRAVITY:** 1.2  
**VAPOR PRESSURE:** N/D      **VAPOR DENSITY:** Same as Water  
**% VOLATILE:** 40-45      **pH:** 2  
**SOLUBILITY IN WATER:** Complete      **EVAPORATION RATE:** N/A  
**PHYSICAL DESCRIPTION:** Brown Liquid, Mild Odor

**STABILITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will Not Occur  
**INCOMPATIBILITY (MATERIALS TO AVOID):** None  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Normal products  
of combustion

## SECTION 5 - FIRE & EXPLOSION HAZARD DATA

## SECTION 6 - STORAGE & HANDLING INFORMATION

**FLASH POINT:** Exceeds 200 °F  
**FLAMMABILITY:** Non-Flammable  
**EXTINGUISHING MEDIA:** Water, CO<sub>2</sub>  
**SPECIAL FIRE FIGHTING PROCEDURES:** Floor may be slippery  
**UNUSUAL AND EXPLOSION HAZARDS:** None

**SPECIAL PRECAUTIONS:** Keep out of reach of children.  
Use only in well ventilated area.  
For institutional and industrial use only.  
For use by trained personnel only.  
Store and keep in closed container, in a cool place.  
Avoid freezing.

## SECTION 7 - HEALTH HAZARD DATA

## SECTION 8 - FIRST AID PROCEDURE

**EYES:** May cause irritation.      **EXPOSURE LIMITS:** N/E  
**SKIN:** May cause irritation.      **CARCINOGENICITY:**  
NTP: Not listed  
**INHALATION:** May cause irritation to upper tract.      **IARC:** Not listed  
**INGESTION:** May cause irritation of mucous membranes.      **OSHA:** Not regulated  
**MEDICAL CONDITION AGGRAVATED BY EXPOSURE:**  
Person with present skin disorder may be more susceptible to irritation.

**EYES:** Flush with running water for 15 minutes.  
**SKIN:** Wash off with soap and water.  
**INHALATION:** Remove to fresh air.  
**INGESTION:** Do not induce vomiting.  
Drink plenty of water.  
If unconscious or in convulsion, take to hospital or physician.

## SECTION 9 - PRECAUTIONS FOR SAFE HANDLING

## SECTION 10 - SPILL OR LEAK

**RESPIRATORY PROTECTION:** No special requirements.  
**PROTECTIVE GLOVES:** Chemical resistant.  
**VENTILATION:** Good ventilation required.  
**EYE CONTACT:** Goggles or Face Shield.

**SPILLAGE:** Dike & contain spill, absorb the liquid.  
**DISPOSAL:** Scoop or shovel solid material into a suitable container for  
recovery or disposal. Area may become slippery.  
Flush cleaned area with water.  
Dispose according to local, state and federal requirements.

N/D = Not Determined, N/E = Not Established, N/A = Not Applicable

THIS PRODUCT SAFETY DATA SHEET IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION.  
DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATION SAFETY AND HEALTH.