

Material Safety Data Sheet EaCo CHEM Inc.

SECTION: 1

Product Name: HD ACID
Product Use: Stone and masonry restoration cleaner.
Name of Manufacturer: EaCo CHEM INC.
Address: 765 Commerce Ave
New Castle PA 16101
1-800-255-3924
Emergency telephone: 2-1-1998 Revised: 7-01-2002
Date Prepared: Corrosive, liquid, poison
DOT Classification: Compounds, cleaning liquid, 8, (6.1), NA 1760, PG I
DOT Shipping Info:

SUPPLIER INFORMATION

SECTION: 2

CHEMICAL NAME	OSHA/PEL	ACGIH/TLV	CAS. NO.
Hydrofluoric Acid	3 ppm	3 ppm	7664-39-3
Sulfuric Acid	1 mg/m3	1 mg/m3	7664-93-9

HAZARDOUS INGREDIENTS

Ingredients not precisely identified are proprietary or non hazardous under Federal Hazard Communication Standard (29 CFR 1910.1200)

Note: N/E = Not established

SECTION :3

	<u>HAZARDS IDENTIFICATION</u>
Route(s) of entry:	Eyes, Skin, Ingestion, Inhalation
Chemical listed as carcinogen:	NO
Or potential carcinogen:	NO
National Toxicology Program:	NO
I.A.R.C. Monographs:	NO
OSHA:	NO

HAZARDS IDENTIFICATION

Signs and symptoms of exposure: Burning to skin, eyes and mucous membrane tissues.
Medical conditions generally aggravated by exposure: Respiratory, dermatitis or skin irritations.
Mucous membrane infections, eye irritations.

SECTION: 4

	<u>EMERGENCY AND FIRST AID PROCEDURES</u>
EYES:	Remove contact lenses at once. Flood with water for 15 minutes. Seek immediate medical attention.
SKIN:	Wash off with soap and water immediately. Seek medical attention.
INGESTION:	Drink copious amounts of water, do not induce vomiting. Seek immediate medical attention.
INHALATION:	Remove to fresh air. Seek immediate medical attention. Call physician.

EMERGENCY AND FIRST AID PROCEDURES

SECTION: 5

	<u>FIRE FIGHTING MEASURES</u>
Flash Point and Method:	None, product not expected to burn or support combustion.
Hazardous decomposition products:	May produce Hydrofluoric & sulfuric gas.
Means of extinction:	Water, dry chemical, foam, carbon dioxide.
Special Procedures:	If material comes in contact with certain metals it will cause corrosion or etch to occur.

FIRE FIGHTING MEASURES

SECTION: 6

Steps to be taken if material is released or spilled: Large spill; Dike and contain for intended use. Small spill absorb on oil dry and placed in approved container for proper disposal. Make sure proper ventilation and safety equipment is available.
Waste Disposal Method: Consult federal, state and local regulations for your area.
Precautions to be taken in handling and storage: Store in a cool dry place, away from alkalis. Vent bung before opening. Always wear proper protective equipment when handling this product.

PRECAUTIONS FOR SAFE HANDLING AND USE

SECTION: 7

Respiratory Protection:
Ventilation:
Protective Gloves:
Goggles:
Work/Hygiene practices:

CONTROL MEASURES

Use approved respirator to maintain exposure limits.
Local exhaust to maintain TLV
Yes
Yes
Rubber suit, gloves and goggles. Keep off skin or clothing.
Wash clothing before reuse. Do not wear contact lenses when using this product

SECTION: 8

Appearance/Odor:	Amber liquid, mild odor.
Physical State:	Liquid
pH:	2.0
Vapor Pressure (mmHg):	N/A
Vapor Density (air = 1):	N/A
Specific Gravity (Water = 1):	1.10
Evaporation Rate:	N/A
Solubility in Water:	Complete

PHYSICAL AND CHEMICAL PROPERTIES

SECTION: 9

Stability:	Stable under normal temperatures and pressures.
Incompatibility (materials to avoid):	Alkalis, high heat and metals.
Hazardous decomposition:	May produce sulfuric and Hydrofluoric gas.
Hazardous polymerization:	Will not occur.

STABILITY AND REACTIVITY

SECTION: 10

	<u>HAZARD RATING</u>	
HEALTH	3	4 = EXTREME
FIRE	0	3 = HIGH
REACTIVITY	2	2 = MODERATE
PERSONAL PROTECTION	H*	1 = SLIGHT
		0 = INSIGNIFICANT

H* = Chemical resistant gloves, goggles, suit and vapor respirator.

NOTICE: This product has been classified in accordance with the hazard criteria of the CFR and the MSDS contains all the information required by the CFR.

DISCLAIMER: The information herein is given in good faith, but no warranty, either expressed or implied is made. Final determination of the 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 be sure or guarantee these are the only hazards which exist.