

Material Safety Data Sheet

EaCo CHEM, Inc.

SECTION:6

PRECAUTIONS FOR SAFE HANDLING AND USE

SECTION:1 **SUPPLIER INFORMATION**

Common Name: NMD 80
Product Use: New masonry detergent
Manufacturer: EaCo CHEM, Inc.
Address: 765 Commerce Ave.
New Castle, PA 16101
Emergency Phone: 1-800-255-3924
Date Prepared: 7-5-95 Updated: 12-30-12
DOT Info: Compounds, cleaning liquid (contains hydrochloric acid) 8, NA1760, PGII, ERG#154, Corrosive liquid

SECTION:2 **HAZARDOUS INGREDIENTS**

CHEMICAL NAME	OSHA/PEL	ACGIH/TLV	CAS. NO.
Hydrochloric Acid	5 ppm	5 ppm	7647-01-0
Proprietary Ingredients*	N.A.	N.A.	

(Specific proprietary ingredients chemical identity withheld as trade secret pursuant to OSHA regulations.)
Note: N/E = Not established - N.A.= Not Available

SECTION:3 **POTENTIAL HEALTH HAZARDS**

Routes of entry: Eyes, Skin, Ingestion, Inhalation
Health Hazards: Acute & Chronic, may cause irritation or burns from gross overexposure to eyes, skin, and respiratory system
Chemical listed as carcinogen or potential carcinogen under National Toxicology Program, I.A.R.C. Monographs, OSHA: NO
INHALATION: May cause irritation of nose, throat and lungs. Inhalation of concentrated vapor or mist may damage upper respiratory tract and lung tissues and may cause burning, choking and coughing and breathing difficulties which may be delayed on onset. Death may result from gross overexposure.
SKIN: Repeated or prolonged contact with dilute solutions, and concentrated vapors can cause irritation and dermatitis.
EYE: Contact with eyes may result in eye irritation or permanent visual loss unless removed quickly with thorough irrigation using water.
INGESTION: Swallowing may cause burns of the mouth, throat and stomach. Swallowing may be fatal.

SECTION:4 **EMERGENCY AND FIRST AID PROCEDURES**

EYES: Flush thoroughly with water immediately for 15 minutes. Seek immediate medical attention.
SKIN: Flush thoroughly with soap and water. If irritation develops, seek medical attention.
INGESTION: Do not induce vomiting. Drink copious amounts of water or milk. Seek immediate medical attention.
INHALATION: Remove to fresh air. If not breathing, perform artificial respiration. Seek medical attention.

SECTION:5 **FIRE FIGHTING MEASURES**

Flash Point and Method: Product not expected to burn.
Hazardous decomposition products: Explosive hydrogen gas may be generated by the action of acid on some metals. Chlorine gas is released when acid is mixed with strong oxidizers.
Special Procedures: Use procedure to fight fire that is suitable for the surrounding media. Cool exterior of storage tanks.

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 place in approved container for disposal. Make sure proper ventilation and safety equipment is available.
Clean up procedures: Neutralize area to complete cleanup with a small amount of weak alkaline solution.
Waste Disposal Method: Consult federal, state and local federal regulations in 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 products. Avoid wearing contact lenses when using this product.

SECTION:7 **CONTROL MEASURES**

Respiratory Protection: None when used outside with proper ventilation. Respirator may be needed for enclosed space or inadequate ventilation.
Ventilation: Local exhaust to maintain TLV.
Protective Gloves: Yes.
Goggles: Yes.
Other protective clothing or equipment: Protect skin with clothing or protective suit.
Work/Hygiene practices: Keep off skin and clothing. Wash clothing before reuse. Avoid wearing contact lenses.

SECTION:8 **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance - Odor: Light to dark amber liquid, sharp odor.
Physical State: Liquid.
pH: 1.0
Vapor Pressure (mmHg): N/A
Vapor Density (air = 1): N/A
Boiling Point: 210°F
Freezing/Melting Point: N/A
Specific Gravity (Water =1): 1.15
Evaporation Rate: >1.0
Solubility in water: Complete.

SECTION:9 **STABILITY AND REACTIVITY**

Stability: Stable under normal temperatures & pressures.
Incompatibility: (materials to avoid): Plants, certain soft metals, care should be taken on polished stone, strong alkalis.
Hazardous decomposition: Chlorine gas may be released when acid is mixed with strong oxidizers.
Hazardous polymerization: Will not occur.

SECTION:10 HAZARD RATING

HEALTH	2	4 = EXTREME
FIRE	0	3 = HIGH
REACTIVITY	1	2 = MODERATE
PERSONAL PROTECTION	C*	1 = SLIGHT

0 = INSIGNIFICANT
C* = Chemical resistant gloves, goggles and apron.

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.