



HYDROCLEAN®
RESTORATION CLEANING SYSTEMS

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SAFETY DATA SHEET

HT-400

**Super Concentrate
Excess
Mortar Remover**

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SECTION I

Identification

Manufacturer:

Hydrochemical Techniques Inc

P.O.Box 2078

Hartford, Connecticut 06145

Product Name:

Hydroclean HT-400 Super Concentrate Excess Mortar Remover

Emergency Telephone Number: (800) 278-7681

Date Prepared: January 10, 2019

SECTION II

Hazard(s) Identification

UN 1789 Hydrochloric acid, Corrosive, 8, PG II

Chemical Name:

Hydrochloric Acid (Muriatic Acid) - CAS Number 7647-01-1 - % 36.0-40.0 - TLV (UNITS) 5 PPM

SECTION III

Composition/Information on Ingredients

HT-400 is a blend of various acids and wetting agents. This product is completely biodegradable.

SECTION IV

First-Aid Measures

Threshold Limit Value: 25PPM

Effects of Overexposure: Extreme exposure may cause irritation of eyes and respiratory passage. Liquid contact with eyes can cause burns. Skin contact can cause irritation.

Emergency & First Aid Procedures:

Inhalation - Move victim to fresh air.

Skin - Flush with water for 15 minutes.

Eyes - Flush eyes for 15 minutes with water, then use mild eye rinse containing Sodium Bicarbonate. Seek prompt medical attention.

SECTION V

Fire Fighting Measures

N/A: HT-400 is a non-flammable, water-based product.

SECTION VI

Accidental Release Measures

Spills or Leaks: Contain spilled areas with dikes, etc. Neutralize with soda ash and wash down area with plenty of water. Product is completely biodegradable.

Waste Disposal: Neutralize with soda ash or lime. Flush residue in accordance with all State and Federal regulations. Product is completely biodegradable.

SECTION VII

Handling and Storage

Handling & Storage: Store in a cool place and handle with protective equipment. Never add acid or anything other than water to this product.

Other Precautions: Keep quick drench facilities on job site and eyewash solution containing Sodium Bicarbonate.

SECTION VIII

Exposure Controls/Personal Protection

Boiling Point (°F): 230°

Vapor Pressure (mm Hg): 29.90

Vapor Density (Air = 1): Not Available

Solubility In Water (20°C): 100%

Appearance & Odor: Clear Liquid, Acidic Odor

Identification Number: UN 1789

Specific Gravity: 1.16

PERCENT, VOLATILE / VOLUME: 31

Evaporation Rate: Not Available

pH: .6 in Concentrate

Respiratory: If concentrations should exceed 25PPM, use NIOSH/MSHA approved full face respirator.

Ventilation: Provide proper ventilation to keep exposure below the threshold limit value (25 PPM).

Gloves: Wear acid resistant gloves. Rubber, neoprene or PVC

Eye: Wear full face plastic face shield or goggles.

Other Protective Equipment: Hard hat, acid resistant jacket, trousers and boots.

SECTION IX

Physical and Chemical Properties

This is an acidic liquid in concentrate that has been formulated to specifically for the removal of heavy build-ups of mortar smears and construction dirt from masonry.

SECTION X

Stability and Reactivity

Stability: Stable

Incompatability (Materials to Avoid): Do not mix with other products.

Hazardous Decomposition Products: Not Available

Conditions to Avoid: Contact with strong alkaline solutions or unknown solutions.

Handling & Storage: Store in a cool place and handle with protective equipment. Never add acid or anything other than water to this product.

Other Precautions: Keep quick drench facilities on job site and eyewash solution containing Sodium Bicarbonate.

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HYDROCLEAN

Hydrochemical Techniques, Inc.

PO Box 2078

Hartford, CT 06145

Tel: 800-278-7681 • 860-527-6350

Fax: 860-527-4067

info@hydroclean.com