



HYDROCLEAN®
RESTORATION CLEANING SYSTEMS

"Manufacturer of the world's finest building cleaning products."

[MAIN PAGE](#) > [PRODUCTS](#) > [HT-626](#) > MATERIAL SAFETY DATA SHEET

[BACK ONE](#)

HT-626

Brick, Granite, Sandstone & Terra Cotta Cleaner

MATERIAL SAFETY DATA SHEET

[IDENTIFICATION](#)

[HAZARDOUS INGREDIENTS](#)

[PHYSICAL DATA](#)

[FIRE & EXPLOSION HAZARD DATA](#)

[HEALTH HAZARD DATA](#)

[REACTIVITY DATA](#)

[SPILL, LEAK OR WASTE DISPOSAL PROCEDURES](#)

[SPECIAL PROTECTION](#)

[SPECIAL PRECAUTIONS](#)

SECTION I

Identification

Manufacturer:

Hydrochemical Techniques Inc

P.O.Box 2078

Hartford, Connecticut 06145

Product Name:

Hydroclean HT-626 Brick, Granite, Sandstone & Terra Cotta Cleaner

Emergency Telephone Number: (800) 278-7681

Date Prepared: April 19, 2007

SECTION II

Hazardous Ingredients

Chemical Name:

Hydrofluoric Acid - CAS Number 7664-39-3 - 7.5% - TLV (UNITS) 3 PPM

Phosphoric Acid - CAS Number 7664-34-7 - 7.5% - TLV (UNITS) 1000 PPM

Polysolve EB - CAS Number 111-76-2 - 5.2% - TLV (UNITS) 25 PPM

SECTION III

Physical Data

Boiling Point (°F): 200

Vapor Pressure (mm Hg): N/AV

Vapor Density (Air = 1): N/AV

Solubility In Water (20°C): 100%

I.D. Number Un 1760, Corrosive Liquid, N.O.S.,8, PG II, Contains Hydrofluoric Acid, Phosphoric Acid

Appearance and Odor: Slightly Yellow - Acidic

Specific Gravity: 1.07

Percent, Volatile/Volume: 81.85%

Evaporation Rate: Not Available

pH: 0.9 in Concentrate

SECTION IV

Fire & Explosion Hazard Data

Flash Point (Method Used): Non Flammable

Flammable Limits: Not Applicable

Extinguishing Media: Not Applicable

Special Fire Fighting Procedures: Wear NIOSH/MSHA approved self-contained breathing apparatus. Wear a full face piece operated in pressure demand or other positive pressure mode and full body protective clothing when fighting fires.

SECTION V

Health Hazard Data

Threshold Limit Value: 3 PPM - Outside use will not reach this level.

Effects of Overexposure:

Inhalation - Mild exposure can irritate throat and respiratory system.

Skin - Cause Burns.

Eyes - Liquid and vapor can cause irritation, corneal burns or conjunctivitis.

Emergency & First Aid Procedures:

Inhalation - Move victim to fresh air.

Skin - Flush with water for 15 minutes.

Eyes - Flush eyes with water for 15 minutes, then use a mild eye rinse containing sodium bicarbonate. Get prompt medical attention.

SECTION VI

Reactivity Data

Stability: Stable

Incompatibility (Materials to Avoid): Metals, Products is a Strong Oxidizing Agent

Hazardous Decomposition Products: Not Available

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

SECTION VII

Spill, Leak or Waste Disposal Procedures

Spills or Leaks: Pick up residue and flush area with water.

Waste Disposal: Dispose of material in accordance with State and Local regulations.

SECTION VIII

Special Protection

Respiratory: Product is for exterior use. If concentrations should exceed 3 PPM, use NIOSH/MSHA approved full face respirator.

Ventilation: Provide proper ventilation to keep exposure below the threshold limit value (3 PPM).

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

Eye: Wear full face plastic shield or goggles.

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

SECTION IX

Special Precautions

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.

[MAIN PAGE](#) > [PRODUCTS](#) > [HT-626](#) > MATERIAL SAFETY DATA SHEET : [TOP](#)

<http://www.hydroclean.com>

All information and photos are copyright Hydroclean.

No material may be reproduced without express written permission from Hydrochemical Techniques, Inc.

HYDROCLEAN

Hydrochemical Techniques, Inc.

PO Box 2078

Hartford, CT 06145

Tel: 800-278-7681 • 860-527-6350

Fax: 860-527-4067

info@hydroclean.com