



HYDROCLEAN®
RESTORATION CLEANING SYSTEMS

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MATERIAL SAFETY DATA SHEET

HT-35

Aluminum & Vinyl Siding Cleaner

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SECTION I

Identification

Manufacturer:

Hydrochemical Techniques Inc

P.O.Box 2078

Hartford, Connecticut 06145

Product Name:

Hydroclean HT-35 Aluminum & Vinyl Siding Cleaner

Emergency Telephone Number: (800) 278-7681

Date Prepared: June 25, 2007

SECTION II

Hazardous Ingredients

Chemical Name:

Potassium Hydroxide - CAS Number 1310-58-3 - % 11.5-15.0 - TLV (UNITS) Not Available

Sodium Metasilicate Pentahydrate - CAS Number 10213-79-3 - % 9.5-20.0 - TLV (UNITS) Not Available

SECTION III

Physical Data

Boiling Point: (°F) 212°

Vapor Pressure: (Mm Hg.) Not Available

Vapor Density: (Air - 1) Not Available

Solubility In Water (20°C): 100%

Appearance & Odor: Dark Green Liquid - Mild Sassafrass Alkaline Solution

Specific Gravity: 1.18

Percent, Volatile/Volume: 78%

Evaporation Rate: Not Available

pH: 11.5

SECTION IV

Fire & Explosion Hazard Data

Flash Point (Method Used): Nonflammable
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 when fighting fires.

SECTION V

Health Hazard Data

Threshold Limit Value: Not Applicable

Effects of Overexposure: An alkaline solution, avoid contact with eyes and mucous membranes. Prolonged skin contact can cause irritation.

Emergency & First Aid Procedures:

Eyes - flush with water for 15 minutes. If irritation continues, get prompt medical attention.

Skin - flush with water and seek medical attention if irritation continues.

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.

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