



**HYDROCLEAN®**  
**RESTORATION CLEANING SYSTEMS**

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[MAIN PAGE](#) > [PRODUCTS](#) > [HT-35](#) > MATERIAL SAFETY DATA SHEET

[BACK ONE](#)

MATERIAL SAFETY DATA SHEET

# HT-35

## Aluminum & Vinyl Siding Cleaner

[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-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.

[MAIN PAGE](#) > [PRODUCTS](#) > [HT-35](#) > MATERIAL SAFETY DATA SHEET : [TOP](#)

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