



MATERIAL SAFETY DATA SHEET
600 PRE-THICKENED EFFLORESCENCE & LIME DISSOLVER

SECTION I - PRODUCT IDENTIFICATION

Manufacturer's Name: American Building Restoration Products, Inc.
9720 S. 60th ST.
Franklin, Wisconsin 53132

Emergency Phone No.: Chemtrec 1-800-424-9300

Product Trade Name: 600 Pre-Thickened Efflorescence & Lime
Dissolver

DOT Proper Shipping Name: Hydrochloric Acid,
8 UN1789 PG II

SECTION II - HAZARDOUS INGREDIENTS

	CAS NO.	AMT(%)	OSHA PEL	ACGIH TLV
Hydrochloric Acid	7647-01-0	65	TWA CL5ppm	TWA C7.5mg/m ³
Ethoxylated Alkyl Amine	Proprietary	14	NOT ESTAB.	NOT ESTAB.

SECTION III - PHYSICAL DATA

Boiling Point: 224°F

Specific Gravity (H₂O=1): 1.15

Vapor Pressure (mm Hg. @ 21.1°C): 25.8

Percent Volatile By Volume: 100%

Vapor Density (AIR=1): <1

Evaporation Rate: 1

Solubility In Water: Complete

Appearance and Odor: Colorless With Sharp
Penetrating Odor

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point: Non Flammable

Flammable Limits: N/A

Extinguishing Media: Soda Ash, Flaked Lime, Carbon Dioxide, Dry
Chemical or water.

Special Firefighting Procedures: Neutralize with soda ash. Wear full
protective clothing.

Unusual Fire and Explosion Hazards: Contact with metals may produce
hydrogen gas which may form explosive vapors.



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SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: See Section II

Effects of Over Exposure:

Ingestion: Cause burns of mouth, esophagus and stomach.

Eyes: Severe Irritation. Can cause eye burns and permanent tissue damage.

Skin: Can cause permanent skin damage. May cause skin sensitization.

Ingestion: Irritation of upper respiratory tract in coughing and burning of throat.

EMERGENCY AND FIRST AID PROCEDURES:

Seek first aid in case of contact or suspicion of contact CALL PHYSICIAN IMMEDIATELY.

EYES: Immediately flush with cool water for 15-30 minutes. Prompt medical attention is absolutely necessary.

SKIN: Immediately flush skin with large amounts of soapy water for 15 minutes or until slipperiness is gone. Pay particular attention to skin under fingernails. Get medical attention. Remove and wash clothing before reuse.

INGESTION: Drink large quantities of water. Follow with milk of magnesia, egg whites or mineral oil. DO NOT INDUCE VOMITING.

SECTION VI - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Do not mix with alkaline products or metals.

Incompatibility: Corrosive to most metals involving hydrogen gas.

Hazardous Decomposition Products.

H₂(g) H-F (g) Other fluorine compounds

Hazardous Polymerization: Will Not Occur

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Stay upwind of spill. Enter spill area with self-contained breathing apparatus and full protective clothing, including boots (acid resistant). Flush thoroughly with water applied to entire spill area. Wash down area with soda ash in order to neutralize.

WASTE DISPOSAL METHODS: Contact local municipal, state, or federal agencies to ensure compliance of disposal methods with current regulations.

NOTE: Empty containers can have residues, gases or mists and are subject to proper waste disposal.



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SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use OSHA-approved breathing apparatus
Ventilation: Local Exhaust: Adequate
Protective Gloves: Long Rubber Gloves
Eye Protection: Chemical safety goggles or full face shield
Other Protective Equipment: Rubber acid suit or rubber apron and rubber boots to eliminate skin contact.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Protect from physical damage to container. Keep container closed. Use common sense when handling product.
Other Precautions: Store in cool dry well-ventilated areas. Keep container closed when not in use.

SECTION X - PREPARATION DATE OF MSDS

Occupational Health & Safety Dept.

Date: 12/06/93
Supersedes: 5/05/92

DISCLAIMER

The information contained herein is based on the data available to us and is believed to be correct. However, American Building Restoration Products, Inc. makes no warranty, expressed or implied from the use there of. American Building Restoration Products, Inc. assumes no responsibility for injury from the use of the product described herein.

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