



MATERIAL SAFETY DATA SHEET
AC-8 ALUMINUM BRIGHT CLEANER CONCENTRATE

SECTION I - PRODUCT IDENTIFICATION

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

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

Product Trade Name: ABR Aluminum Bright Cleaner Concentrate

DOT Proper Shipping Name: Hydrofluoric Acid Solution,
8 UN1790 PG II

SECTION II - HAZARDOUS INGREDIENTS

	C.A.S.	AMT(%)	OSHA PEL	ACGIH TLV
Hydrofluoric Acid	7664-39-3	<10	TWA 3ppm	C 3ppm
Hydrochloric Acid 20 Deg.	7647-01-0	<10	CL 5ppm	C 5ppm

SECTION III - PHYSICAL DATA

Boiling Point Initial: 152°F
 Specific Gravity (H₂O=1): 1.06
 Vapor Pressure (mm HG.): 28
 Percent Volatile By Volume (%): 100
 Vapor Density(AIR=1): <1
 Evaporation Rate: >1
 Solubility in water: Complete
 Appearance / Odor: Clear/Colorless Liquid with
 Sharp/penetrating odor

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point: None TCC
 Flammable Limits: N/A
 Extinguishing Media: Water, dry foam, chemical etc.
 Special Fire Fighting Procedures: Neutralize with alkaline based substances such as soda.
 Unusual Fire and Explosion Hazards: Contact with common metals produces gas which may form explosive vapors.

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: See Section II



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Effects of Over Exposure: Skin Contact: Causes Burns. Inhalation: Breathing fumes may result in coughing and choking.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Immediately hold face under running water and flush eyes for twenty minutes with eyes open by force if necessary and get medical attention at once.

SKIN: Flush with plenty of water for at least 15 minutes, paying particular attention to skin under fingernails and remove contaminated clothing.

INHALATION: Leave contaminated area and get plenty of fresh air. If not breathing apply artificial respiration, oxygen.

INGESTION: Rinse mouth. Drink large quantities of water or milk. Call Physician immediately. Do not induce vomiting.

SECTION IV - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Do not mix with alkaline products.

Incompatibility: Corrosive to most metals with evolution of hydrogen gas.

Hazardous Decomposition Products: Hydrogen chloride vapors - hydrogen.

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 spills. Enter spill area with self-contained breathing apparatus and full protective clothing including boots (must be acid resistant clothing). Flush area thoroughly with water applied to entire area. Wash down area with soda ash in order to neutralize.

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

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

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None for normal use.

VENTILATION: Local Exhaust: Adequate

Special: Maintain acid vapors in air at 10ppm or less.

PROTECTIVE GLOVES: Long rubber coated gloves

EYE PROTECTION: Chemical Safety goggles.



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PROTECTIVE CLOTHING OR EQUIPMENT: Rubber gauntlets, rubber apron and rubber boots.

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 products.

Other Precautions: None

SECTION - X PREPARATION DATE OF MSDS

ABR Occupational Health & Safety Dept.

Date: 12/07/93

Supersedes: 9/03/91

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 regarding the accuracy of this data or the results to be obtained from the use thereof. American Building Restoration Products, Inc. assumes no responsibility for injury from the use of the product described herein.

AC-8