



MATERIAL SAFETY DATA SHEET  
ABR 1ST STEP CFS COPPER AND BRASS PREWASH CLEANER

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**SECTION I - PRODUCT IDENTIFICATION**

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

Emergency Phone Number: Chemtrec 1-800-424-9300

Product Trade Name: ABR 1ST Step Copper & Brass Prewash  
Cleaner

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

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**SECTION II - HAZARDOUS INGREDIENTS**

	CAS NO.	AMT(%)	OSHA PEL TWA C	ACGIH TLV C
Hydrogen Chloride	7647-01-0	31.5	5 ppm	5 ppm

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**SECTION III - PHYSICAL DATA**

Boiling Point: 100°C  
Vapor Pressure: 94  
Vapor Density: 1.27  
Solubility in Water: 100%  
Specific Gravity: 1.14  
Percent Volatile By Volume (%): 98.6  
Evaporation Rate: 1  
Appearance and Odor: Clear Liquid, Distinct, unpleasant odor.

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**SECTION IV - FIRE AND EXPLOSION HAZARD**

Flash Point: None  
Extinguishing Media: N/A  
Special Fire Fighting Procedures: None  
Unusual Fire and Explosion Hazards: Non flammable, but reacts with most metals with evolution of hydrogen.

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**SECTION V - HEALTH HAZARD DATA**

Threshold Limit Value: See Section II  
Effects of Over Exposure: Burns  
Eyes: Immediately flush with cool water for 15-30 minutes. Prompt medical attention is absolutely necessary.  
EMERGENCY AND FIRST AID PROCEDURES:

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Seek first aid in case of contact or suspicion of contact. Call physician immediately. Take label with when seeking medical attention.

**EXTERNAL:** Immediately flush skin with large amounts of soapy cold water until all acid is removed paying particular attention to skin under fingernails. Remove and wash clothing before reuse.

Flush for 15 minutes or until slipperiness is gone.

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

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**SECTION VI - REACTIVITY DATA**

Conditions to Avoid: Reacts with strong bases (alkalis)

Reacts with most metals.

Incompatibility: Avoid unnecessary contact with all organic and inorganic materials. This product contains blended acids.

Hazardous Polymerization : Will Not Occur.

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**SECTION VII - SPILL OR LEAK PROCEDURES**

Steps to be taken in case material is released or spilled: Spilled material should be neutralized with soda ash or lime water and flushed thoroughly with clear water. Provide adequate ventilation.

Waste disposal method: (Same As Above): In Addition disposal method must be in compliance with all local, state and federal requirements.

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**SECTION VIII - SPECIAL PROTECTION INFORMATION**

Respiratory Protection: This type of protection should only be necessary in extreme cases. In this event, a small filter type NIOSH approved respirator is adequate.

Ventilation: Yes

Local Exhaust: Adequate in most cases.

Mechanical: In confined areas.

Protective Gloves: Acid-resistant rubber type

Eye Protection: Acid resistant plastic goggles and/or face shield.

Other protective equipment: Acid-resistant apron or suit, rubber boots, helmet.

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**SECTION IX - SPECIAL PRECAUTIONS**

Precautions to be taken in handling and storing: Store only in containers not affected by acid. Containers should not be placed in any position where there is a possibility or leakage due to punctures.



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Other Precautions: Polyethylene containers should be kept away from extreme heat.

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**SECTION X - PREPARATION DATE OF MSDS**

Occupational Health & Safety Dept.

Date: 10/16/00

Supersedes: 12/06/93

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**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 hereof. American Building Restoration Products, Inc. assumes no responsibility for injury from the use of the product described herein.

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