



MATERIAL SAFETY DATA SHEET  
500 LIMESTONE PREWASH

**SECTION I - PRODUCT IDENTIFICATION**

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

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

Product Trade Name: 500 Limestone Prewash

**DOT Proper Shipping Name:** Sodium Hydroxide Solution  
8 UN1824 PG II

**SECTION II - HAZARDOUS INGREDIENTS**

	CAS NO	AMT(%)	OSHA PEL	ACGIH TLV
Sodium Hydroxide	1310-73-2	60	TWA 2mg/m3	CL 2mg/m3

**SECTION III - PHYSICAL DATA**

Vapor Pressure (mm Hg.): N/A

Vapor Density(Air=1): >1

Specific Gravity (H2O=1): 1.256

Percent Volatile By Volume (%): N/A

Evaporation Rate: N/A

Solubility in Water: Complete

Appearance and Odor: Clear, viscous liquid, mild odor

**SECTION IV - FIRE AND EXPLOSION HAZARD**

Flash Point: None

Flammable Limits: N/A

Extinguishing Media: Use any means suitable for extinguishing surrounding fire. Adding water to caustic solution generates large amounts of heat.

Unusual Fire and Explosion Hazards: Not considered to be a fire hazard. Hot or molten material can react violently with water. Can react with certain metals, such as aluminum, to generate flammable hydrogen gas.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

**SECTION V - HEALTH HAZARD DATA**

**EMERGENCY OVERVIEW: POISON! DANGER! CORROSIVE. MAY BE FATAL IF SWALLOWED. HARMFUL IF INHALED. CAUSES BURNS TO ANY AREA OF CONTACT. REACTS WITH WATER, ACIDS AND OTHER MATERIALS.**

**EYES:** Corrosive! Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

**SKIN:** Corrosive! Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician, immediately. Wash clothing before reuse.

**INGESTION:** Corrosive! DO NOT INDUCE VOMITING! Give large quantities of water or milk if available. Never give anything by mouth to an unconscious person. Get medical attention immediately. **Note to Physician:** Perform endoscopy in all cases of suspected sodium hydroxide ingestion. In cases of severe esophageal corrosion, the use of therapeutic doses of steroids should be considered. General supportive measures with continual monitoring of gas exchange, acid-base balance, electrolytes, and fluid intake are also required.



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INHALATION: Severe irritant. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

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**SECTION VI - REACTIVITY DATA**

Stability: Stable.

Incompatibility: Aluminum, magnesium, zinc, tin, organic chemicals.

Hazardous Decomposition Products: Sodium oxide

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Incompatibles

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**SECTION VII - SPILL OR LEAK PROCEDURES**

Steps to be taken in case material is released or spilled: Flush with water. Dilute with acid (preferably acetic acid). Use care, as heat is generated in diluting. Liberal covering of sodium bicarbonate may be used to remove caustic traces.

WASTE DISPOSAL METHOD: Dispose of container and unused contents in accordance with federal, state and local requirements.

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**SECTION VIII - SPECIAL PROTECTION INFORMATION**

Respiratory Protection: NIOSH for caustic soda mists

Ventilation: Local Exhaust: To eliminate mists

Protective Gloves: Rubber, neoprene or vinyl

Eye Protection: Chemical safety goggles

Other Protective Equipment: Safety showers, face shields, hard hats, rubber aprons, shoes and clothes to prevent skin contact.

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**SECTION IX - SPECIAL PRECAUTIONS**

Precautions to be taken in handling and storing: Avoid incompatibles.

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**SECTION X - PREPARATION DATE OF MSDS**

Occupational Health & Safety Dept.

Date: 06/04/09

Supersedes: 01/19/98

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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 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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