



MATERIAL SAFETY DATA SHEET
500 LIMESTONE AFTERWASH

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: 500 Limestone Afterwash

DOT Proper Shipping Name: Acetic Acid Glacial,
8 UN2789 PG II

SECTION II - HAZARDOUS INGREDIENTS

	CAS NO.	AMT(%)	OSHA PEL	ACGIH TLV
Acetic Acid	64-19-7	40	TWA 10ppm	TWA STEL 15ppm

SECTION III - PHYSICAL DATA

Initial Boiling Point: 244

Specific Gravity (H₂O=1): 1.02 @ 20° C.

Vapor Pressure (mm Hg.): N/A

Percent Volatile: 99

Vapor Density (AIR=1): 1

Evaporation Rate: N/A

Solubility in Water: Complete

Appearance and Odor: Clear liquid, vinegar-like odor

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point: 104°F

Flammable Limits: lel: 4.0; uel: 16.0

Extinguishing Media: Water, dry chemical, foam or carbon dioxide. Water spray may be used to keep fire exposed containers cool.

Special Fire Fighting Procedures: 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. Water may be used to flush spills away from exposures and to dilute spills to non-flammable mixtures. Water diluted acid can react with metals to form hydrogen gas.

SECTION V - HEALTH HAZARD DATA

EMERGENCY OVERVIEW: POISON! DANGER! CORROSIVE. LIQUID AND MIST CAUSE SEVERE BURNS TO ALL BODY TISSUE. MAY BE FATAL IF SWALLOWED. HARMFUL IF INHALED. INHALATION MAY CAUSE LUNG AND TOOTH DAMAGE. FLAMMABLE LIQUID AND VAPOR.

EYES: Eye contact with concentrated solutions may cause severe eye damage followed by loss of sight. Exposure to vapor may cause intense watering and irritation to eyes. Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

SKIN: Contact with concentrated solution may cause serious damage to the skin. Effects may include redness, pain, skin burns. High vapor concentrations may cause skin sensitization. In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Call a physician.

INHALATION: Inhalation of concentrated vapors may cause serious damage to the lining of the nose, throat, and lungs. Breathing difficulties may occur. Neither odor nor degree of irritation are adequate to indicate vapor concentration. Remove to fresh air. If not breathing, give artificial



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respiration. If breathing is difficult, give oxygen. Call a physician. INGESTION: Swallowing can cause severe injury leading to death. Symptoms include sore throat, vomiting, and diarrhea. Ingestion of as little as 1.0 ml has resulted in perforation of the esophagus. 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.

SECTION VI - REACTIVITY DATA

Stability: Stable under ordinary conditions of use and storage. Heat and sunlight can contribute to instability. Releases heat and toxic, irritating vapors when mixed with water. Acetic acid contracts slightly upon freezing which may cause the container to burst.

Incompatibility: Incompatible with chromic acid, nitric acid, ethylene glycol, perchloric acid, phosphorous trichloride, oxidizers, sodium peroxide, strong caustics, most metals (except aluminum), carbonates, hydroxides, oxides, and phosphates.

Hazardous Decomposition Products: Carbon dioxide and carbon monoxide may form when heated to decomposition. May also release toxic and irritating vapors.

Hazardous Polymerization: Will Not Occur.

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Eliminate ignition sources. Contain spill. Avoid runoff into storm sewers and ditches.

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: Use NIOSH organic vapor cartridge.

Ventilation: Local or general exhaust.

Protective Gloves: Neoprene or Rubber

Eye Protection: Chemical Safety Goggles

Other Protective Equipment: Full face mask, impervious boots, apron, eye bath and goggles.

SECTION IX - SPECIAL PRECAUTIONS

Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles.

SECTION X - PREPARATION DATE OF MSDS

Occupational Health & Safety Dept.

Date: 06/04/09

Supersedes: 12/06/93

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 product described herein.

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