



MATERIAL SAFETY DATA SHEET
X-190 LIMESTONE & CONCRETE CLEANER

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: X-190 Limestone & Concrete Cleaner

DOT Proper Shipping Name: Liquid Oxalic Acid N.O.S.

SECTION II - HAZARDOUS INGREDIENTS

	CAS NO.	AMT(%)	OSHA PEL	ACGIH TLV
Oxalic Acid	144-62-7	<10	TWA 1mg/m3	TWA 1mg/m3 STEL 2 mg/m3

SECTION III - PHYSICAL DATA

Boiling Range: Above 212°F
Vapor Pressure: <0.001 mm Hg @ 25°C or 10 to 25 mm Hg at 20°C
Vapor Density: N/A
Evaporation Rate: Slower than ether.
Percent Volatile By Volume: 86%
Weight/Gallon: 9.09 lbs/gal
Physical State: Liquid
Appearance & Odor: Clear Liquid, fresh soap odor
Odor Threshold: N/A
Freezing Point: 32°F
pH: 1

SECTION IV - HEALTH HAZARD DATA

Threshold Limit Value: See Section II

Effects of Over Exposure:

Eyes contact: Can cause irritation

Skin contact: Can cause irritation

Ingestion: Results in severe damage to tissue and mucous membranes

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush thoroughly for 15 minutes with water. See Physician if irritation persists.



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SKIN: Wash thoroughly with water. Remove contaminated clothing and launder before reuse.

INGESTION: Give two (2) glasses of milk. Call Physician immediately.

SECTION V - REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will Not occur.

Hazardous Decomposition Products: May form toxic materials as carbon dioxide, carbon monoxide, acid fumes, etc..

Conditions to Avoid: Strong Alkalis

Incompatibility: (materials to avoid): Contact with strong alkalis -e.g., NaOH, NH₄OH, and bleaching materials.

SECTION VI - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Cover with soda ash or sodium bicarbonate. Mix and scoop into container for proper disposal.

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 VII - SPECIAL PROTECTION INFORMATION

VENTILATION: Use adequate ventilation

PROTECTIVE GLOVES: Rubber gloves

EYE PROTECTION: Splash proof chemical goggles.

PROTECTIVE CLOTHING OR EQUIPMENT: Wear full protective clothing.

SECTION VIII - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Store in a cool, dry place. Store away from oxidizers.

Other Precautions: Do not allow to freeze.

SECTION IX - PREPARATION DATE OF MSDS

Occupational Health & Safety Dept.

Supersedes:

Date: 12/17/03

12/02/93

DISCLAIMER:

The information contained herein is based on the data available to us and is believed to be correct. However, American Building Restoration



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Products, Inc. makes no warranty, express 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.

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