SAFETY DATA SHEET
(Prepared According to 29 CFR 1910. 1200)

SECTION 1 - IDENTIFICATION

Trade Name: HARD WATER STAIN REMOVER	Product Use: MONUMENT, BRICK & TILE CLEANER	
Supplier: ATLAS PRESERVATION	Phone #: 860-426-3111	Emergency Phone #: 860-426-3111
Address: 122 SPRING STREET B1 SOUTHINGTON CT 06489	Code: 38-253B	

SECTION 2 - HAZARDS IDENTIFICATION

Classification: CORROSIVE
SERIOUS EYE DAMAGE
SKIN CORROSION

Signal Word: DANGER

Symbol(s):

GHS Hazard Statement:

Physical Hazards: CORROSIVE

Health Hazards:
Causes skin corrosion
Causes serious eye damage

Precautionary Statements:
Wear eye protection and protective gloves. Wash hands thoroughly after handling. If in eyes: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison control center or doctor. If on skin(or hair): Take off immediately all contaminated clothing. Wash with plenty of water. If skin irritation occurs: Get medical attention. Wash all contaminated clothing before reuse. In case of fire: use CO_2, dry chemical, foam or water spray to extinguish. Store in a cool, well-ventilated place. Dispose of contents and container in accordance with local, state and federal regulations.

SECTION 3 - COMPOSIT/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% BY WEIGHT	PEL (TLV)
Phosphoric Acid	7664-38-2	5-10	see below
Sulfamic Acid	5329-14-6	1-5	Not est.
Hydroxyacetic Acid	79-14-1	1-5	Not est.

* The specific chemical identity and exact percentage of this ingredient have been withheld as a trade secret.

SECTION 4 - HEALTH INFORMATION - FIRST AID MEASURES

Symptoms & Acute Effects: Prolonged contact with skin/eyes can cause chemical burns.

Delayed Effects: None known

Typical Routes of Exposure: are the skin and eyes.

TREATMENT

Eyes: If in eyes: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a physician.

Skin: If on skin(or hair): Immediately remove all contaminated clothing. Wash with plenty of water for at least 15 minutes. If skin irritation occurs: Get medical attention. Wash all contaminated clothing before reuse.

Ingestion: Do not induce vomiting. Give large quantities of water followed the whites of 2-3 eggs. Call a physician.

Inhalation: Remove to fresh air. Treat symptomatically. Call a physician.

SECTION 5 - FIRE-FIGHTING MEASURES

Flash Point: None to boiling	Lower Explosive Limit: Not available	Upper Explosive Limit: Not available
Extinguishing Techniques: In case of fire: use CO2, dry chemical, foam, water spray to extinguish.		
Equipment: Do not enter any confined fire-spaces without protective clothing and self-contained air supply.		
Chemical Hazards from Fire: Carbon monoxide and unidentified organic gases may occur during incomplete combustion.		
Precautions for Fire Fighters: Cool fire exposed containers.		

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to be Taken:	SMALL AMOUNTS - Absorb with suitable absorbent. LARGE AMOUNTS - Absorb with suitable absorbent, then shovel into appropriately labeled containers.
Cleanup Procedures:	Contain with absorbent material and dispose of in accordance with federal, state and local requirements.

SECTION 7 - HANDLING AND STORAGE

Precautions to be Take in Handling & Storage:	Store in a cool, well-ventilated place.
Incompatibility:	Strong oxidizers

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENTS:	EXPOSURE LIMITS
Phosphoric acid 7664-38-2	1 mg/m3 TWA(OSHA) 1 mg/m3(ACGIH)

Eye Protection: ✔	Protective Gloves: ✔	Respiratory Protection: ☐	
Ventilation Requirements	Local Exaust: ☐	Mechanical: ✔	Room Ventilation is Adequate: ☐

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odor: Red, Phosphorus odor		Flammable Limits: Upper: Not available Lower: Not available	
Boiling Point (^{0}F): Appx. 212	Specific Gravity (H20) (±0.005): 8.69 lbs/gal		pH (± 0.5) 1.0
Vapor Pressure (mm Hg) Not available		Vapor Density (Air=1) Not available	
Solubility in Water: ✔ Complete ☐ Insoluble ☐ Emulsifiable (or Dispersible) ☐ Slightly (or Partial)			
Evaporation Rate (vs H2O) ☐ Faster ☐ Slower ✔ About the Same			
Flash Point (T.C.C.): none to boiling ^{0}F	Odor Threshold: Not available	Melting point/frozen point: Not available	Partition Coefficient: n-octanol/water: Not available
Auto-Ignition Temperature: Not available	Decomposition Temperature: Not available	Viscosity: Not available	

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable	Incompatibility: Strong oxidizers
Hazardous Decomposition Products: Carbon monoxide and unidentified organic gases may occur during incomplete combustion.	

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity: LD50/oral/rat >5,000 mg/kg	Skin Sensitization: Not a sensitizer
Skin Irritation: Causes skin irritation	Mutagenicity: Not a mutagen
Eye Irritation: Causes eye irritation	Reproductive Toxicity: None

Carcinogen/Suspect Carcinogen Ingredients: ☐ NTP ☐ OSHA ☐ ARC ☑ NONE

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not reported

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Disposal as is is a hazardous waste due to corrosivity . 40CFR261.22 CODE D002.

SECTION 14 - TRANSPORT INFORMATION

UN1760, Corrosive Liquid, n.o.s., (Contains Phosphoric Acid and Sulfamic Acid), 8 PGII

SECTION 15 - REGULATORY INFORMATIOM

All ingredients in this product are listed on the TSCA Inventory.

SARA 302 Health Hazard: Acute

SARA 313 Chemicals: None

SECTION 16 - OTHER INFORMATION

DATE PREPARED: 11/07/2023

HMIS HAZARD RATINGS:

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION EQUIPMENT	B