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Product Name: DEFY SAFER MASONRY CLEANER™

Date: 10-06-04

MSDS Number: SC-38

CAS Number: Mixture

Prepared by: Greg Herbert

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

Principal hazardous component(s) (chemical & common names)	p.c.	Threshold Limit Value (units)
Muriatic Acid*	1 mg/m3	1mg/m3

Percentage content of ingredients withheld as a trade secret pursuant to Massachusetts regulations

SECTION 2 - PHYSICAL & CHEMICAL CHARACTERISTICS

Appearance and odor: ----- Straw colored, clear liquid with mild odor
Boiling point: ----- 232° F
Vapor pressure (mm Hg and temperature):----- 15 mm Hg. (104° F)
Vapor density (air = 1): ----- Unknown
Evaporation rate: ----- Non-volatile
Solubility in water: ----- Complete.
Water reactive: ----- NA
Specific gravity: ----- 1.11
% volatile by volume: ----- NA

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash point and method used: ----- NA
Auto-ignition temperature: ----- NA
Flammability limits in air % by volume: ----- NA
Extinguishing media: ----- Water fog
Special fire fighting procedures: ----- Water may be used to extinguish fire by cooling.
Unusual fire and explosion hazards: ----- NA

SECTION 4 - REACTIVITY HAZARD DATA

Stability: ----- Stable
Conditions to avoid: ----- Materials listed below.
Incompatibility (materials to avoid): ----- Strong alkalis, and chlorine bleach.
Hazardous decomposition products: ----- NA
Hazardous polymerization: ----- Will not occur.
Conditions to avoid: ----- NA

SECTION 5 - HEALTH HAZARD DATA

Primary routes of entry:

 X Inhalation X Skin Absorption _____ Ingestion _____ Not Hazardous

Carcinogen listed in:

_____ NTP _____ IARC Monograph _____ OSHA X Not Listed

Signs and symptoms of exposure:

Acute overexposure: Overexposure to phosphoric acid can cause irritation or burns to skin and eyes. Overexposure to mist can cause damage to nasal or respiratory passages.

Chronic overexposure:

Medical conditions generally aggravated by exposure:

Emergency and first aid procedures - Seek medical assistance for further treatment, observation, and support.

Eye contact: Immediately flush with water for 15 minutes, lifting upper and lower lids occasionally. Consult physician immediately. Do not use chemical antidote.

Skin contact: Rinse skin with water.

Inhalation: If affected, remove to fresh air.

Ingestion: Do not induce vomiting. Dilute by giving water. Give milk of magnesia. Get medical attention immediately.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory protection (specify type): Not generally required during normal outdoor use and handling.

Protective gloves: Chemical resistant gloves

Eye protection: Chemical splash goggles

Ventilation:

Local exhaust: X

Mechanical (general): X

Special:

Other protective clothing and equipment: NA

Hygienic work practices: Wash after handling any chemical.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

Steps to be taken if material is spilled or released: Stop spill at source. Dike to prevent spreading. Pump to salvage tank.

Waste disposal methods: Flush down drain with large amounts of water in accordance with applicable regulations.

Precautions to be taken in handling and storage: Keep container closed, store above 32° and below 120°F.

Other precautions and/or special hazards: The need for respiratory protection should be evaluated if this material is handled in poorly ventilated areas. Consult safety equipment supplier.

NFPA Rating:	Health <u> 3 </u>	Flammability <u> 0 </u>	Reactivity <u> 0 </u>	Special <u> </u>
HMIS Rating:	Health <u> 3 </u>	Flammability <u> 0 </u>	Reactivity <u> 0 </u>	Special <u> H </u>