Modern Stone Technologies – MSDS | Easy Etch

Section [1] Product Identification

Product name: Modern Stone Technologies Easy Etch
Produced by: Modern Stone Technologies, 2225 W. Pecos Rd. Suite 12, Chandler, AZ. 85224
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E-mail: support@modernstonecare.com
Fax: (480) 969-1978
In case of emergency: CHEMTREC International: (703) 527-3887

Section [2] Health Hazard Data

Hazard status: This material is classified as not hazardous under OSHA regulations in the United States, the WHMIS in Canada and the NOM-018-STPS-2000 in Mexico.

Routes Of Entry
Dermal contact • Eye contact • Inhalation • Ingestion

Potential Acute Health Effects
Eyes: Corrosive to eyes.
Skin: Corrosive to the skin.
Inhalation: Corrosive to the respiratory system.
Ingestion: May be harmful if swallowed. May cause burns to mouth, throat and stomach.

Potential Chronic Health Effects
Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Mutagenic effects: Not available.
Teratogenic effects: Not available.
Medical conditions aggravated by overexposure: Repeated skin exposure can produce local skin destruction or dermatitis. Repeated or prolonged exposure to the substance can produce lung damage. Repeated or prolonged contact with spray or mist may produce chronic eye irritation and severe skin irritation.

Section [3] Composition

Name :	CAS number	Wt. %
Phosphoric acid	7664-38-2	>1

Section [4] Emergency First Aid Procedures

Eye contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 20 minutes. Seek medical attention if symptoms occur.
Skin contact: In case of contact, immediately flush skin with plenty of water for at least 20 minutes. Seek medical attention if symptoms occur.
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms occur.
Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.
Notes to physician: No specific antidote. Medical staff must contact Poison Control Center.

Section [5] Fire & Explosion Data

Flammability of the product: May be combustible at high temperature.
Products of combustion: These products are phosphates.
Extinguishing media Suitable: Use an extinguishing agent suitable for the surrounding fire.
Not suitable: None known.
Special exposure hazard: No specific hazard.
Special protective equipment for fire-fighter: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section [6] Accidental Release Measure

Personal precautions: Use suitable protective equipment.
Environmental precaution and clean-up methods: Wash small spills to sanitary sewer. Large spills-confine spill, soak up with approved absorbent, shovel product into approved container for disposal.

Section [7] Handling & Storage

Handling: Avoid contact with skin, eyes and clothing and as for any chemical, do not ingest this product.
Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section [8] Exposure Controls & Personal Protection

Product name: Phosphoric acid

Exposure limits:	**TWA:**
ACGIH TLV (United States, 1/2005).	STEL: 3 mg/m^3 15 minute(s) Form: All forms. TWA: 1 mg/m^3 8 hour(s) Form: All forms.
NIOSH REL (United States, 12/2001).	STEL: 3 mg/m^3 15 minute(s) Form: All forms. TWA: 1 mg/m^3 10 hour(s) Form: All forms.
OSHA PEL (United States, 8/1997).	TWA: 1 mg/m^3 8 hour(s). Form: All forms.

Engineering measures: Use only with adequate ventilation.
Personal protection
Eyes: Face shield.
Skin: Synthetic apron.
Respiratory: A respirator is not needed under normal and intended conditions of product use.
Hands: Nitrile gloves.
Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.
HMIS Code/Personal protective equipment: D
Hygiene measures: Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.

Section [9] Physical & Chemical Properties

Physical state: Liquid.
Color: Clear.
Odor: Odorless.
Boiling/condensation point: >100°C (212°F)
Melting/freezing point: 0°C (32°F)
Relative density: >1 (Water = 1)
Vapor pressure: <0.3 kPa (<2.2 mm Hg) (at 20°C)
Vapor density: >1 (Air = 1)
Evaporation rate: <1 compared with Butyl acetate.
Solubility: Miscible in water.

Section [10] Stability & Reactivity

Stability and reactivity: The product is stable.
Incompatibility with various substance: Reactive with oxidizing materials, metals and alkalis.
Hazardous polymerization: Will not occur.
Conditions of reactivity: Not available.

Section [11] Disposal consideration

Waste disposal: Dispose material in accordance with all local, state, and federal regulations.

Section [12] Transport information

NAERG : 154

UN / IMDG / IATA Classification: PHOSPHORIC ACID solution
Class 8 • UN1805 • PG III

DOT Classification: PHOSPHORIC ACID solution
Class 8 • UN1805 • PG III
ORM-D Consumer Commodity. Please refer to 49 CFR 173.54, 203 .241 for details

TDG Classification: PHOSPHORIC ACID solutions
Class 8 • UN1805 • PG III

Section [14] Regulatory Information

HCS Classification: Corrosive material
U.S. Federal regulation: TSCA : All components listed.
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: Phosphoric Acid
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Phosphoric Acid: Immediate (acute) health hazard
Clean Water Act (CWA) 307: No products were found.
Clean Water Act (CWA) 311: Phosphoric Acid
Clean Air Act (CAA) 112 accidental release prevention: No products were found.
Clean Air Act (CAA) 112 regulated flammable substances: No products were found.
Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

State regulations
Pennsylvania RTK: Phosphoric Acid: (environmental hazard, generic environmental hazard)
Massachusetts RTK: Phosphoric Acid
New Jersey: Phosphoric Acid
California prop. 65: No products were found

Canada Mexico: D-1A: Material causing immediate and serious toxic effects (Very toxic).
Class E: Corrosive material.
DSL: All components listed.

This product has been classified in accordance with the hazard criteria of the Canadian CPR, the United States OSHA and the Mexican NOM -018-STPS-2000. This MSDS contains all the information required by the CPR, OSHA and NOM -018-STPS-2000

Health 3
Flammability 0
Reactivity 0
Special 0

International lists: This product, (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969).

Section [14] Other Information

References: Manufacturer's Material Safety Data Sheet. - 29CFR Part1910.1200 OSHA MSDS Requirements. - 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. - Canada Gazette Part II, Vol. 122, No. 2. Registration SOR/88-64, 31 December 1987. Hazardous Products Act "Ingredient Disclosure List" - Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2005. - Official Mexican Standards NOM-018-STPS-2000 and NOM-004-SCT2-1994 Date of issue: 08/15/2006 Version: 1