

# Modern Stone Technologies – MSDS | Release

## Section [1] Product Identification

**Product name:** Modern Stone Technologies Release  
**Produced by:** Modern Stone Technologies, 2225 W. Pecos Rd. Suite 12, Chandler, AZ. 85224  
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## 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 effect

**Eyes:** Corrosive to eyes.

**Skin:** Corrosive to the skin.

**Inhalation:** Corrosive to the respiratory system.

**Ingestion:** 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. % |
|--------------------------------------|------------|-------|
| Silanetriol, methyl-, potassium salt | 31795-24-1 | >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:** Non-flammable.

### 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:** Keep container closed. Use only with adequate ventilation. Do not breathe vapor or mist. Wash thoroughly after handling.

**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

## Section [8] Exposure Controls & Personal Protection

**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.

**pH:** Neutral

**Boiling/condensation point:** The lowest known value is 100°C (212°F) (Water)

**Melting/freezing point:** May start to solidify at 0°C (32°F) based on data for: Water

**Relative density:** Weighted average: 1 (Water = 1)

**Vapor pressure:** The highest known value is 2.3 kPa (17.5 mm Hg) (at 20°C) (Water)

**Vapor density:** The highest known value is 0.62 (Air = 1) (Water).

**Evaporation rate:** 0.36 (Water) 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:** 128

### Regulatory information

**UN / IMDG / IATA Classification:** CORROSIVE LIQUID, BASIC, INORGANIC N.O.S. (Silanetriol, methyl-, potassium salt) Class – 8 UN number – UN3266

**DOT Classification:** CORROSIVE LIQUID, BASIC, INORGANIC N.O.S. (Silanetriol, methyl-, potassium salt) Class – 8 UN number – UN3266 ORM-D Consumer Commodity. Please refer to 49 CFR 173.54, 203, 241 for details.

**TDG Classification:** CORROSIVE LIQUID, BASIC, INORGANIC N.O.S. (Silanetriol, methyl-, potassium salt) Class – 8 UN number – UN3266

## Section [13] 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:** No products were found.

**SARA 311/312 MSDS distribution - chemical inventory - hazard identification:** No products were found.

**Clean Water Act (CWA) 307:** No products were found.

**Clean Water Act (CWA) 311:** No products were found.

**Clean Air Act (CAA) 112 accidental release prevention:** Methanol

**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

**Rhode Island RTK hazardous substances:** Methanol

**Pennsylvania RTK:** Methanol: (environmental hazard, generic environmental hazard)

**Florida:** Methanol

**Minnesota:** Methanol

**Massachusetts RTK:** Methanol

**New Jersey:** Methanol

**New Jersey spill list:** Methanol

**California prop. 65:** No products were found

### WHMIS (Canada)

**Class E:** Corrosive material

**CEPA DSL:** All components listed

**Canadian NPRI:** Methanol

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

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