Modern Stone Technologies – MSDS | Release

Section [1] Product Identification

Product name: Modern Stone Technologies Release
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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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