

# Modern Stone Technologies – MSDS | Preserve solvent

## Section [1] Product Identification

**Product name:** Modern Stone Technologies Ultra Clean

**Produced by:** Modern Stone Technologies, 2225 W. Pecos Rd. Suite 12, Chandler, AZ. 85224

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## Section [2] Health Hazard Data

**CAUTION COMBUSTIBLE LIQUID. HARMFUL IF SWALLOWED. MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION.**

### Likely Routes of Exposure

Skin contact • skin absorption • eye contact • inhalation • ingestion

### Potential Health Effects

**Eye:** May cause eye irritation.

**Skin:** May cause skin irritation.

**Ingestion:** Harmful if swallowed. May cause stomach distress, nausea or vomiting. May cause lung damage if swallowed.

**Inhalation:** May cause respiratory tract irritation. This product may be aspirated into the lungs and cause chemical pneumonitis.

**Chronic Effects:** Prolonged or repeated contact may dry skin and cause irritation.

**Signs and Symptoms:** Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. Symptoms may include redness, drying, and cracking of the skin.

**Medical Conditions Aggravated By Exposure:** Asthma. Allergies.

**Target Organs:** Skin, eyes, gastrointestinal tract and respiratory system.

*This product is a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.*

*This product is a hazardous chemical as defined by NOM-018-STPS-2000.*

## EFFECTS OF ACUTE EXPOSURE

### Component Analysis

Ingredient	IDLH	LD50 (oral)	LC50
Methyl alcohol	6,000 ppm	5628 mg/kg, rat	64000 mg/m <sup>3</sup> , rat
Naphtha (petroleum)	1,100 ppm [LEL]	Not available.	Not available.

**Eye:** May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

**Skin:** May cause skin irritation. Symptoms may include redness, drying, and cracking of the skin.

**Ingestion:** Harmful if swallowed. May cause stomach distress, nausea or vomiting. Harmful: may cause lung damage if swallowed.

**Inhalation:** May cause respiratory tract irritation. This product may be aspirated into the lungs and cause chemical pneumonitis.

## EFFECTS OF CHRONIC EXPOSURE

**Target Organs:** Not available.

**Chronic Effects:** Not hazardous by WHMIS/OSHA criteria.

**Carcinogenicity:** Not hazardous by WHMIS/OSHA criteria.

**Ingredient** **Chemical Listed as Carcinogen or Potential Carcinogen \***

Methyl alcohol Not listed.

Naphtha (petroleum), heavy alkylate Not listed.

**Mutagenicity:** Not hazardous by WHMIS/OSHA criteria.

**Reproductive Effects:** Not hazardous by WHMIS/OSHA criteria.

### Developmental Effects

**Teratogenicity:** Hazardous by WHMIS/OSHA criteria.

**Embryotoxicity:** Hazardous by WHMIS/OSHA criteria.

**Respiratory Sensitization:** Not hazardous by WHMIS/OSHA criteria.

**Skin Sensitization:** Not hazardous by WHMIS/OSHA criteria.

**Toxicologically Synergistic Materials:** Not available

## Section [3] Composition

Ingredient	UN Number	H / F / R / Special*	CAS #	Wt. %
Methyl alcohol	UN1230	4 / 3 / 0	67-56-1	0.1 - 1
Naphtha (petroleum)	UN1268	1 / 1 / 0	64741-65-7	60 - 100

## Section [4] Emergency First Aid Procedures

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water. If easy to do, remove contact lenses, if worn.

**Skin Contact:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**General Advice:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).

**Note to Physicians:** Symptoms may not appear immediately.

## Section [5] Fire & Explosion Data

**Flammability:** Combustible by WHMIS/OSHA criteria.

### Means of Extinction

**Suitable Extinguishing Media:** Powder, water spray, foam, carbon dioxide.

**Unsuitable Extinguishing Media:** Not available.

**Products of Combustion:** May include, and are not limited to: oxides of carbon.

### Explosion Data

**Sensitivity to Mechanical Impact:** Not available.

**Sensitivity to Static Discharge:** Not available.

**Protection of Firefighters:** Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA)

## Section [6] Accidental Release Measure

**Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.

**Environmental Precautions:** This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

**Methods for Containment:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

**Methods for Clean-Up:** Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

**Other Information:** Not available.

## Section [7] Handling & Storage

**Handling:** Keep away from sources of ignition. - No smoking. Avoid contact with skin and eyes. Do not swallow. Do not breathe gas/fumes/vapor/spray. Use only in well-ventilated areas. Handle and open container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking.

**Storage:** Keep out of the reach of children. Keep container tightly closed. Do not store at temperatures above 49 °C. Keep away from food, drink and animal feeding stuffs.

## Section [8] Exposure Controls & Personal Protection

### Exposure Guidelines

**Exposure Limits:**

Ingredient	OSHA-PEL	ACGIH-TLV
Methyl alcohol	200 ppm	200 ppm
Naphtha (petroleum), heavy alkylate	100 ppm	100 ppm

**Engineering Controls:** Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

### Personal Protective Equipment

**Eye/Face Protection:** Wear eye/face protection.

**Hand Protection:** Wear suitable gloves.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**General Hygiene Considerations:** Handle according to established industrial hygiene and safety practices.

## Section [9] Physical & Chemical Properties

**Appearance:** Clear.

**Color:** Colorless to light yellow.

**Odor:** Characteristic.

**Physical State:** Liquid.

**pH:** Not available.

**Viscosity:** Not available.

**Freezing Point:** Not available.

**Boiling Point:** Not available.

**Flash Point:** 35 - 51° C (95 - 123.8° F)

**Evaporation Rate:** Not available.

**Lower Flammability Limit:** Not available.

**Upper Flammability Limit:** Not available.

**Vapor Pressure:** Not available.

**Vapor Density:** Not available.

**Specific Gravity:** Not available.

**Solubility in Water:** Not available.

**Coefficient of Water/Oil Distribution:** Not available.

**Auto-ignition Temperature:** Not available.

**Percent Volatile, wt. %:** Not available.

**VOC content, wt. %:** Not available

## Section [10] Stability & Reactivity

**Stability:** Stable under normal storage conditions. Keep in a cool place.

**Conditions of Reactivity:** Heat. Incompatible materials.

**Incompatible Materials:** Oxidizers.

**Hazardous Decomposition Products:** May include, and are not limited to: oxides of carbon.

**Possibility of Hazardous Reactions:** No dangerous reaction known under conditions of normal use.

## Section [11] Disposal consideration

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

## Section [12] Transport information

**DOT Classification**

Flammable Liquid n.o.s (Naphtha (petroleum), heavy alkylate); Class 3; UN1993; PG III

**TDG Classification**

Flammable Liquid n.o.s (Naphtha (petroleum), heavy alkylate); Class 3; UN1993; PG III

**NOM-004-SCT2-1994 Classification**

Flammable Liquid n.o.s (Naphtha (petroleum), heavy alkylate); Class 3; UN1993; PG III

## Section [14] Regulatory Information

### Federal Regulations

**Canadian:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**US:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).

**Mexico:** MSDS prepared pursuant to NOM-018-STPS-2000.

*SARA Title III, Methyl alcohol Section 302 (EHS) TPO (lbs.) -Not listed, Section 304 EHS RQ (lbs.) -Not listed*

*CERCLA RQ (lbs) -5,000, Section 313-313. Naphtha (petroleum) Section 302 (EHS) TPO (lbs.) -Not listed*

*Section 304 EHS RQ (lbs.) -Not listed, CERCLA RQ (lbs) -Not listed, Section 313-Not listed*

### State Regulations

**California Proposition 65:** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**Global Inventories**

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 1      Flammability 2      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

*Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*