

# Modern Stone Technologies – MSDS | Clear Guard solvent

## Section [1] Product Identification

**Product name:** Modern Stone Technologies Clear Guard solvent  
**Produced by:** Modern Stone Technologies, 2225 W. Pecos Rd. Suite 12, Chandler, AZ. 85224  
**Toll free:** 866-868-0810  
**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 hazardous under OSHA regulations in the United States, the WHMIS Controlled Product Regulation in Canada and the NOM-018-STPS-2000 in Mexico.

### Routes Of Entry

Dermal contact • Eye contact • Inhalation • Ingestion

### Potential Acute Health Effects

**Eye:** Irritating to eyes.  
**Skin:** Irritating to skin.  
**Inhalation:** No known significant effects or critical hazards.  
**Ingestion:** May be harmful if swallowed.

### 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 contact with spray or mist may produce chronic eye irritation and severe skin irritation.

## Section [3] Composition

Name :	CAS number	Wt. %
Naphtha (petroleum), heavy alkylate	64741-65-7	>1
Naphtha (Petroleum), Hydrotreated Heavy	64742-48-9	>1
Solvent naphtha (petroleum), heavy aromatic	64742-94-5	>1
Solvent naphtha (petroleum), medium aliph.	64742-88-7	>1

## Section [4] Emergency First Aid Procedures

**Eye contact:** Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Seek medical attention if symptoms occur.  
**Skin contact:** Wash with soap and water. Seek medical attention if symptoms occur.  
**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. 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:** Combustible.  
**Extinguishing media suitable:** Use dry chemical, carbon dioxide, water spray (fog) or foam.  
**Not suitable:** Do not use water jet.  
**Special exposure hazard:** Combustible liquid and vapor.  
**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:** Eliminate all ignition sources. 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. Keep away from heat, sparks and flame. Wash thoroughly after handling.  
**Storage:** Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

## Section [8] Exposure Controls & Personal Protection

**Product name:** Naphtha (Petroleum), Hydrotreated Heavy.  
**Exposure limits:** ACGIH TLV (United States).  
**TWA:** 300 ppm 8 hour(s).  
**Engineering measures:** Use only with adequate ventilation.

### Personal protection

**Eyes:** Safety glasses.  
**Skin:** Lab coat.  
**Respiratory:** A respirator is not needed under normal and intended conditions of use.  
**Hands:** Natural rubber (latex). Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.  
**HMIS Code/Personal protective equipment:** B  
**Hygiene measure:** 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. (Clear.)  
**Color:** Amber.  
**Odor:** N/A  
**Flash point:** Closed cup: Between 37.8°C (100°F) and 61°C (142°F). (Pensky-Martens.)  
**Auto-ignition temperature:** The lowest known value is 229°C (444.2°F) (Solvent naphtha (petroleum), medium aliph.)  
**Flammable limits:** The greatest known range is Lower: 1% Upper: 6% (Solvent naphtha (petroleum), medium aliph.)  
**Boiling/condensation point:** Weighted average: 185.21°C (365.4°F)

**Melting/freezing point:** Weighted average: -27.98°C (-18.4°F)  
**Critical temperature:** The lowest known value is 349°C (660.2°F) (Naphtha (Petroleum), Hydrotreated Heavy)  
**Relative density:** Weighted average: 0.77 (Water = 1)  
**Vapor pressure:** Weighted average: 0.56 kPa (4.2 mm Hg) (at 20°C)  
**Vapor density:** The highest known value is 4 (Air = 1) (Solvent naphtha (petroleum), medium aliph.)  
**Viscosity:** Kinematic (40C): The highest known value is 1 to 2 cSt (Solvent naphtha (petroleum), medium aliph.)  
**Solubility:** Insoluble in cold water, hot water.

## Section [10] Stability & Reactivity

**Stability and reactivity:** The product is stable.  
**Incompatibility with various substances:** Reactive with oxidizing materials.  
**Hazardous polymerization:** Will not occur.  
**Conditions of reactivity:** Flammable in the presence of the following materials or conditions: open flames, sparks and static discharge.

## Section [11] Disposal consideration

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

## Section [12] Transport information

**NAERG :** 128

UN / IMDG / IATA Classification: FLAMMABLE LIQUIDS  
N.O.S. (Naphtha (petroleum), heavy alkylate) • Class 3 • UN1993 • PG III

DOT Classification: FLAMMABLE LIQUIDS  
N.O.S. (Naphtha (petroleum), heavy alkylate) • Class 3 • UN1993 • PG III

TDG Classification: FLAMMABLE LIQUIDS  
N.O.S. (Naphtha (petroleum), heavy alkylate) • Class 3 • UN1993 • PG III

ORM-D Consumer Commodity. Please refer to 49 CFR 173.54, 203, .242 for details.

## Section [14] Regulatory Information

**HCS Classification:** Combustible Liquid • Irritating 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: 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:

No products were found.  
**California prop. 65:** No products were found.  
**Canada Mexico:** Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).  
**Class D-2B:** Material causing other toxic effects (Toxic).  
**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 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

**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

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