

Material Safety Data Sheet

Clear Guard Solvent



1. Product and company identification

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|------------------------------|--|
| Common name | : Clear Guard Solvent |
| Material uses | : Water and oil based stain protection for natural stone, grout and porous masonry surfaces. |
| Supplier/Manufacturer | : Modern Stone Technologies 2225 W. Pecos Rd. Suite 12 Chander, Az. 85224 Toll free : 866-868-0810 support@modernstonecare.com Fax : (480) 969-1978 |
| In case of emergency | : CHEMTREC International: (703) 527-3887 866-868-0810 |
| MSDS authored by: | : Kemika XXI Inc. + 1-450-435-7475 08/15/2006 |

2. Hazards identification

| | |
|---|--|
| Physical state | : Liquid. (Clear.) |
| Color | : Amber. |
| 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 | |
| Eyes | : 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 over-exposure | : 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. |

3. Composition/information on ingredients

United States

| Name | CAS number | % |
|---|------------|----|
| 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 |

Canada

| Name | CAS number | % |
|---|------------|----|
| 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 |

Mexico

| Name | UN number | IDLH | Classification | | | | CAS number | % |
|---|----------------|------|----------------|---|---|---------|------------|----|
| | | | H | F | R | Special | | |
| Naphtha (petroleum), heavy alkylate | UN1268 | - | 1 | 1 | 0 | | 64741-65-7 | >1 |
| Solvent naphtha (petroleum), heavy aromatic | Not regulated. | - | 1 | 1 | 0 | | 64742-94-5 | >1 |
| Solvent naphtha (petroleum), medium aliph. | UN1223 | - | 1 | 1 | 0 | | 64742-88-7 | >1 |
| Naphtha (Petroleum), Hydrotreated Heavy | UN1268 | - | 0 | 1 | 0 | | 64742-48-9 | >1 |

4. First aid measures

- 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.

5. Fire-fighting measures

- 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 hazards** : Combustible liquid and vapor.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- Personal precautions** : Eliminate all ignition sources. Use suitable protective equipment.
- Environmental precautions 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.

7 . Handling and 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).

8 . Exposure controls/personal protection

United States

Product name

Naphtha (Petroleum), Hydrotreated Heavy

Exposure limits

ACGIH TLV (United States).
TWA: 300 ppm 8 hour(s).

Canada

Product name

Naphtha (Petroleum), Hydrotreated Heavy

Exposure limits

ACGIH TLV (United States).
TWA: 300 ppm 8 hour(s).

Mexico

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 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.

9 . Physical and chemical properties

- Physical state** : Liquid. (Clear.)
- 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.)
- Color** : Amber.
- 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. |

10 . Stability and reactivity




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| 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. |

11 . Disposal considerations

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

NAERG : 128

| Regulatory information | Proper shipping name | Class | UN number | PG | Label |
|--|--|-------|-----------|-----|---|
| UN / IMDG / IATA Classification | FLAMMABLE LIQUIDS, N.O.S. (Naphtha (petroleum), heavy alkylate) | 3 | UN1993 | III |  |
| DOT Classification | FLAMMABLE LIQUIDS, N.O.S. (Naphtha (petroleum), heavy alkylate) ORM-D Consumer Commodity. Please refer to 49 CFR 173.54, 203, .242 for details. | 3 | UN1993 | III |  |
| TDG Classification | FLAMMABLE LIQUIDS, N.O.S. (Naphtha (petroleum), heavy alkylate) | 3 | UN1993 | III |  |

13 . Regulatory information

United States

HCS Classification : Combustible liquid
Irritating material

U.S. Federal regulations : 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.

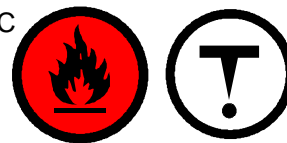
State regulations

: No products were found.

California prop. 65: No products were found.

Canada**WHMIS (Canada)**

: 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.

Mexico**Classification**

:

**HAZARD RATINGS**

4- Extreme
3- Serious
2- Moderate
1- Slight
0- Minimal

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).

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

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.