



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Knock'er Loose® Penetrating Solvent

**Other means of identification**

**Product code** 03016, 03020

**Recommended use** Penetrant

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufactured or sold by:**

**Company name** CRC Industries, Inc.  
**Address** 885 Louis Dr.  
Warminster, PA 18974 US

**Telephone**

**General Information** 215-674-4300

**Technical Assistance** 800-521-3168

**Customer Service** 800-272-4620

**24-Hour Emergency (CHEMTREC)** 800-424-9300 (US)  
703-527-3887 (International)

**Website** www.crcindustries.com

## 2. Hazard(s) identification

|                              |  |   |
|------------------------------|--|---|
| <b>Physical hazards</b>      | Gases under pressure                                   | Compressed gas                          |
| <b>Health hazards</b>        | Skin corrosion/irritation                              | Category 2                              |
|                              | Serious eye damage/eye irritation                      | Category 2A                             |
|                              | Sensitization, skin                                    | Category 1                              |
|                              | Specific target organ toxicity, single exposure        | Category 3 respiratory tract irritation |
|                              | Specific target organ toxicity, repeated exposure      | Category 2                              |
| <b>Environmental hazards</b> | Aspiration hazard                                      | Category 1                              |
|                              | Hazardous to the aquatic environment, long-term hazard | Category 3                              |
| <b>OSHA defined hazards</b>  | Not classified.  |   |

**Label elements**



**Signal word** Danger

**Hazard statement** Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

**Precautionary statement**

**Prevention** Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 49°C/120°F. Use with adequate ventilation. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Do not breathe gas, mist or vapor. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing must not be allowed out of the workplace. Wash hands thoroughly after handling. Avoid release to the environment.

|  |  |
|--|--|
| <b>Response</b>                                  | If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. |
| <b>Storage</b>                                   | Store locked up. Protect from sunlight. Store in a well-ventilated place. Exposure to high temperature may cause can to burst.   |
| <b>Disposal</b>                                  | Dispose of contents/container in accordance with local/regional/national regulations.  |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.  |

**Supplemental information**

90.18% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

**3. Composition/information on ingredients**

**Mixtures**

| Chemical name                                | Common name and synonyms | CAS number  | %       |
|--|--------------------------|-------------|---------|
| Distillates (petroleum), hydrotreated middle |                          | 64742-46-7  | 40 - 50 |
| Dipropylene glycol monomethyl ether acetate  |                          | 88917-22-0  | 5 - 10  |
| Dipropylene glycol monopropyl ether (dpmp)   |                          | 29911-27-1  | 5 - 10  |
| Turpentine, oil                              |                          | 8006-64-2   | 5 - 10  |
| 2,6-Dimethyl-4-heptanone                     |                          | 108-83-8    | 3 - 5   |
| Fatty ester                                  |                          | Proprietary | 3 - 5   |
| Stoddard Solvent                             |                          | 8052-41-3   | 3 - 5   |
| Carbon dioxide                               |                          | 124-38-9    | 1 - 3   |
| Pine oil                                     |                          | 8002-09-3   | 1 - 3   |
| Pinus sylvestris extract                     |                          | 94266-48-5  | 1 - 3   |

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

**4. First-aid measures**

|   |   |
|---|---|
| <b>Inhalation</b>   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.   |
| <b>Skin contact</b>   | Remove contaminated clothing immediately and wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.   |
| <b>Eye contact</b>  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.                                     |
| <b>Ingestion</b>  | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary edema and pneumonitis. |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash. May cause redness and pain. Prolonged exposure may cause chronic effects.                         |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.  |
| <b>General information</b>  | IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.                        |

**5. Fire-fighting measures**

|                                       |             |
|---------------------------------------|-------------|
| <b>Suitable extinguishing media</b>   | Water.      |
| <b>Unsuitable extinguishing media</b> | None known. |

|  |  |
|--|--|
| <b>Specific hazards arising from the chemical</b>                    | Contents under pressure. Pressurized container may explode when exposed to heat or flame.  |
| <b>Special protective equipment and precautions for firefighters</b> | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.   |
| <b>Fire-fighting equipment/instructions</b>                          | In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions. ALWAYS stay away from tanks engulfed in flame. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. |

## 6. Accidental release measures

|  |  |
|--|--|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not breathe mist or vapor. Do not breathe gas. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.  |
| <b>Methods and materials for containment and cleaning up</b>               | Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water.<br><br>Large Spills: Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Scoop up used absorbent into drums or other appropriate container. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.<br><br>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. |
| <b>Environmental precautions</b>   | Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.   |

## 7. Handling and storage

|   |  |
|---|--|
| <b>Precautions for safe handling</b>                                | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Do not re-use empty containers. Do not breathe mist or vapor. Do not breathe gas. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure. Avoid contact with clothing. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains. For product usage instructions, please see the product label. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Level 1 Aerosol.<br><br>Store in a well-ventilated place. Contents under pressure. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children.  |

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components                              | Type | Value                | Form |
|---|------|----------------------|------|
| 2,6-Dimethyl-4-heptanone (CAS 108-83-8) | PEL  | 290 mg/m3            |      |
| Carbon dioxide (CAS 124-38-9)           | PEL  | 50 ppm<br>9000 mg/m3 |      |

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

| Components  | Type | Value      | Form  |
|---|------|------------|-------|
| Distillates (petroleum), hydrotreated middle (CAS 64742-46-7) | PEL  | 5000 ppm   | Mist. |
|   |      | 5 mg/m3    |       |
| Stoddard Solvent (CAS 8052-41-3)                              | PEL  | 2900 mg/m3 |       |
| Turpentine, oil (CAS 8006-64-2)                               | PEL  | 500 ppm    |       |
|   |      | 560 mg/m3  |       |
|   |      | 100 ppm    |       |

**US. ACGIH Threshold Limit Values**

| Components                              | Type | Value     |
|---|------|-----------|
| 2,6-Dimethyl-4-heptanone (CAS 108-83-8) | TWA  | 25 ppm    |
| Carbon dioxide (CAS 124-38-9)           | STEL | 30000 ppm |
| Stoddard Solvent (CAS 8052-41-3)        | TWA  | 5000 ppm  |
|   | TWA  | 100 ppm   |
| Turpentine, oil (CAS 8006-64-2)         | TWA  | 20 ppm    |

**US. NIOSH: Pocket Guide to Chemical Hazards**

| Components  | Type | Value       | Form  |
|---|------|-------------|-------|
| 2,6-Dimethyl-4-heptanone (CAS 108-83-8)                       | TWA  | 150 mg/m3   |       |
|   |      | 25 ppm      |       |
| Carbon dioxide (CAS 124-38-9)                                 | STEL | 54000 mg/m3 |       |
|   |      | 30000 ppm   |       |
| Distillates (petroleum), hydrotreated middle (CAS 64742-46-7) | STEL | 9000 mg/m3  | Mist. |
|   |      | 5000 ppm    |       |
| Stoddard Solvent (CAS 8052-41-3)                              | TWA  | 5 mg/m3     | Mist. |
|   |      | Ceiling     |       |
| Turpentine, oil (CAS 8006-64-2)                               | TWA  | 350 mg/m3   |       |
|   |      | TWA         |       |
|   |      | 100 ppm     |       |

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection**

Wear protective gloves such as: Nitrile. Rubber.

**Other**

Wear appropriate chemical resistant clothing.

|                                       |  |
|---------------------------------------|--|
| <b>Respiratory protection</b>         | If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.   |
| <b>Thermal hazards</b>                | Wear appropriate thermal protective clothing, when necessary.  |
| <b>General hygiene considerations</b> | When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. |

## 9. Physical and chemical properties

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### Appearance

|   |                                 |
|---|---------------------------------|
| <b>Physical state</b>                               | Liquid.                         |
| <b>Form</b>   | Aerosol.                        |
| <b>Color</b>  | Red.                            |
| <b>Odor</b>   | Pleasant pine.                  |
| <b>Odor threshold</b>                               | Not available.                  |
| <b>pH</b>   | Not available.                  |
| <b>Melting point/freezing point</b>                 | -121 °F (-85 °C) estimated      |
| <b>Initial boiling point and boiling range</b>      | 311 °F (155 °C) estimated       |
| <b>Flash point</b>                                  | 147 °F (63.9 °C) Tag Closed Cup |
| <b>Evaporation rate</b>                             | Moderate                        |
| <b>Flammability (solid, gas)</b>                    | Not available.                  |
| <b>Upper/lower flammability or explosive limits</b> |                                 |
| <b>Flammability limit - lower (%)</b>               | 0.7 % estimated                 |
| <b>Flammability limit - upper (%)</b>               | 7.1 % estimated                 |
| <b>Vapor pressure</b>                               | 1958.7 hPa estimated            |
| <b>Vapor density</b>                                | > 1 (air = 1)                   |
| <b>Relative density</b>                             | 0.86                            |
| <b>Solubility (water)</b>                           | Negligible.                     |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                  |
| <b>Auto-ignition temperature</b>                    | 401 °F (205 °C) estimated       |
| <b>Decomposition temperature</b>                    | Not available.                  |
| <b>Viscosity (kinematic)</b>                        | Not available.                  |
| <b>Percent volatile</b>                             | 98.4 % estimated                |

## 10. Stability and reactivity

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|   |  |
|---|--|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport.  |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.  |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.  |
| <b>Conditions to avoid</b>                | Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| <b>Incompatible materials</b>             | Strong oxidizing agents. Chlorine.   |
| <b>Hazardous decomposition products</b>   | Carbon monoxide. Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.                                       |

## 11. Toxicological information

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### Information on likely routes of exposure

|                  |   |
|------------------|---|
| <b>Ingestion</b> | May be fatal if swallowed and enters airways. |
|------------------|---|

**Inhalation** Prolonged inhalation may be harmful. May cause damage to organs by inhalation. May cause irritation to the respiratory system.

**Skin contact** Causes skin irritation. May cause an allergic skin reaction.

**Eye contact** Causes serious eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics** Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Skin irritation. May cause redness and pain. Dermatitis. Rash.

**Information on toxicological effects**

**Acute toxicity** May be fatal if swallowed and enters airways. May cause an allergic skin reaction. May cause respiratory irritation.

| Product                             | Species | Test Results                    |
|-------------------------------------|---------|---------------------------------|
| Knock'er Loose® Penetrating Solvent |         |                                 |
| <b>Acute</b>                        |         |                                 |
| <i>Dermal</i>                       |         |                                 |
| LD50                                | Rabbit  | 9017.0938 mg/kg                 |
| <i>Inhalation</i>                   |         |                                 |
| LC50                                | Rat     | 117.794 mg/l, 4 hours estimated |
| <i>Oral</i>                         |         |                                 |
| LD50                                | Rat     | 4127.4175 mg/kg estimated       |

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Respiratory or skin sensitization**

**ACGIH sensitization**

Turpentine, oil (CAS 8006-64-2) Sensitizer.

**Respiratory sensitization** Not available.

**Skin sensitization** May cause an allergic skin reaction.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Respiratory tract irritation.

**Specific target organ toxicity - repeated exposure** May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Chronic effects** Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. May cause damage to organs through prolonged or repeated exposure.

**12. Ecological information**

**Ecotoxicity** Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

| Product                             | Species      | Test Results                       |
|-------------------------------------|--------------|------------------------------------|
| Knock'er Loose® Penetrating Solvent |              |                                    |
| <b>Aquatic</b>                      |              |                                    |
| <i>Acute</i>                        |              |                                    |
| Crustacea                           | EC50 Daphnia | 433.5422 mg/l, 48 hours estimated  |
| Fish                                | LC50 Fish    | 2032.5204 µg/l, 96 hours estimated |

| Components   | Species | Test Results   |
|--|---------|--|
| Dipropylene glycol monomethyl ether acetate (CAS 88917-22-0) |         |  |
| <b>Aquatic</b>   |         |  |
| <i>Acute</i>   |         |  |
| Crustacea  | LC50    | Water flea (Daphnia magna) 2701 mg/l, 48 hours                           |
| Fish   | LC50    | Fathead minnow (Pimephales promelas) 151 mg/l, 96 hours                  |
|  |         | Rainbow trout,donaldson trout (Oncorhynchus mykiss) 111 mg/l, 96 hours   |
| Dipropylene glycol monopropyl ether (dpmp) (CAS 29911-27-1)  |         |  |
| <b>Aquatic</b>   |         |  |
| <i>Acute</i>   |         |  |
| Crustacea  | EC50    | Water flea (Daphnia magna) > 100 mg/l, 48 hours                          |
| Fish   | LC50    | Rainbow trout,donaldson trout (Oncorhynchus mykiss) > 100 mg/l, 96 hours |

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

**Partition coefficient n-octanol / water (log Kow)**

|   |               |
|---|---------------|
| Dipropylene glycol monomethyl ether acetate | 0.61 OECD 107 |
| Dipropylene glycol monopropyl ether (dpmp)  | 0.87 OECD 107 |
| Stoddard Solvent                            | 3.16 - 7.15   |

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

**Disposal of waste from residues / unused products** The dispensed liquid product is not a RCRA hazardous waste (See 40 CFR Part 261.20 - 261.33). Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national regulations.

**Hazardous waste code** Not regulated.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

### 14. Transport information

#### DOT

|                                     |   |
|-------------------------------------|---|
| <b>UN number</b>                    | UN1950  |
| <b>UN proper shipping name</b>      | Aerosols, non-flammable, limited quantity                               |
| <b>Transport hazard class(es)</b>   |   |
| <b>Class</b>                        | 2.2   |
| <b>Subsidiary risk</b>              | -   |
| <b>Label(s)</b>                     | 2.2   |
| <b>Packing group</b>                | Not applicable.   |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Special provisions</b>           | Not available.  |
| <b>Packaging exceptions</b>         | 306   |
| <b>Packaging non bulk</b>           | None  |
| <b>Packaging bulk</b>               | None  |

#### IATA

|                                   |   |
|-----------------------------------|---|
| <b>UN number</b>                  | UN1950                                    |
| <b>UN proper shipping name</b>    | Aerosols, non-flammable, limited quantity |
| <b>Transport hazard class(es)</b> |   |
| <b>Class</b>                      | 2.2                                       |
| <b>Subsidiary risk</b>            | -   |
| <b>Packing group</b>              | Not applicable.                           |



**Environmental hazards** No.  
**ERG Code** 2L  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.  
**Other information**  
**Passenger and cargo aircraft** Allowed.  
**Cargo aircraft only** Allowed.

#### IMDG

**UN number** UN1950  
**UN proper shipping name** AEROSOLS, LIMITED QUANTITY  
**Transport hazard class(es)**  
**Class** 2  
**Subsidiary risk** -  
**Packing group** Not applicable.  
**Environmental hazards**  
**Marine pollutant** No.  
**EmS** F-D, S-U  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

### 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### SARA 304 Emergency release notification

Not regulated.

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

#### US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

Not listed.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

#### CERCLA Hazardous Substances: Reportable quantity

Not listed.

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**Food and Drug Administration (FDA)** Not regulated.

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Section 311/312** Immediate Hazard - Yes  
**Hazard categories** Delayed Hazard - Yes  
 Fire Hazard - No  
 Pressure Hazard - Yes  
 Reactivity Hazard - No

**SARA 302 Extremely hazardous substance** No

#### US state regulations

##### US. New Jersey Worker and Community Right-to-Know Act

2,6-Dimethyl-4-heptanone (CAS 108-83-8)  
 Carbon dioxide (CAS 124-38-9)  
 Pine oil (CAS 8002-09-3)



Stoddard Solvent (CAS 8052-41-3)

Turpentine, oil (CAS 8006-64-2)

**US. Massachusetts RTK - Substance List**

2,6-Dimethyl-4-heptanone (CAS 108-83-8)

Carbon dioxide (CAS 124-38-9)

Stoddard Solvent (CAS 8052-41-3)

Turpentine, oil (CAS 8006-64-2)

**US. Pennsylvania Worker and Community Right-to-Know Law**

2,6-Dimethyl-4-heptanone (CAS 108-83-8)

Carbon dioxide (CAS 124-38-9)

Stoddard Solvent (CAS 8052-41-3)

**US. Rhode Island RTK**

None.

**US. California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**Volatile organic compounds (VOC) regulations**

**EPA**

**VOC content (40 CFR 51.100(s))** 98.4 %

**Consumer products (40 CFR 59, Subpt. C)** Not regulated

**State**

**Consumer products** This product is regulated as a Penetrant. This product is compliant for use in all 50 states.

**VOC content (CA)** 23.6 %

**VOC content (OTC)** 23.6 %

**International Inventories**

| Country(s) or region        | Inventory name   | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | No                     |
| Canada                      | Domestic Substances List (DSL)   | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | No                     |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                       | Existing Chemicals List (ECL)  | No                     |
| New Zealand                 | New Zealand Inventory  | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

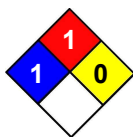
**16. Other information, including date of preparation or last revision**

|                            |   |
|----------------------------|---|
| <b>Issue date</b>          | 11-19-2013  |
| <b>Revision date</b>       | 06-11-2014  |
| <b>Prepared by</b>         | Allison Cho   |
| <b>Version #</b>           | 02  |
| <b>Further information</b> | CRC # 548A  |
| <b>HMIS® ratings</b>       | Health: 1*<br>Flammability: 1<br>Physical hazard: 0<br>Personal protection: B |

**NFPA ratings**

Health: 1  
Flammability: 1  
Instability: 0

**NFPA ratings**



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