# SAFETY DATA SHEET

## 1. Identification

<table>
<thead>
<tr>
<th><strong>Product identifier</strong></th>
<th>Heavy Duty Silicone</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Other means of identification</strong></td>
<td>No. 05074 (Item# 1003684)</td>
</tr>
<tr>
<td><strong>Recommended use</strong></td>
<td>Silicone-based multi-purpose lubricant</td>
</tr>
<tr>
<td><strong>Recommended restrictions</strong></td>
<td>None known.</td>
</tr>
</tbody>
</table>

### Manufacturer/Importer/Supplier/Distributor information

- **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)
  - **(International)**: 703-527-3887 (International)
- **Website**: [www.crcindustries.com](http://www.crcindustries.com)

## 2. Hazard(s) identification

### Physical hazards

- Flammable aerosols
- Gases under pressure

### Health hazards

- Skin corrosion/irritation
- Serious eye damage/eye irritation
- Specific target organ toxicity, single exposure
- Aspiration hazard

### Environmental hazards

- Hazardous to the aquatic environment, acute hazard
- Hazardous to the aquatic environment, long-term hazard

### OSHA defined hazards

- Not classified.

### Label elements

- **Signal word**: Danger
- **Hazard statement**: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.
Precautionary statement
Prevention
Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not apply while equipment is energized. Extinguish all flames, pilot lights and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. 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. Avoid breathing mist or vapor. Wash thoroughly after handling. Wear eye protection/face protection. Wear protective gloves. Avoid release to the environment.

Response
If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. 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 advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. Collect spillage.

Storage
Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst.

Disposal
Dispose of contents/container in accordance with local/regional/national regulations.

Hazard(s) not otherwise classified (HNOC)
Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Mixtures</th>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone</td>
<td>67-64-1</td>
<td>30 - 40</td>
<td>67-64-1</td>
<td>30 - 40</td>
</tr>
<tr>
<td>liquefied petroleum gas</td>
<td>68476-86-8</td>
<td>20 - 30</td>
<td>68476-86-8</td>
<td>20 - 30</td>
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<tr>
<td>n-heptane</td>
<td>142-82-5</td>
<td>10 - 20</td>
<td>142-82-5</td>
<td>10 - 20</td>
</tr>
<tr>
<td>3-methylhexane</td>
<td>589-34-4</td>
<td>3 - 5</td>
<td>589-34-4</td>
<td>3 - 5</td>
</tr>
<tr>
<td>methylcyclohexane</td>
<td>108-87-2</td>
<td>3 - 5</td>
<td>108-87-2</td>
<td>3 - 5</td>
</tr>
<tr>
<td>polydimethylsiloxane</td>
<td>63148-62-9</td>
<td>3 - 5</td>
<td>63148-62-9</td>
<td>3 - 5</td>
</tr>
<tr>
<td>2-methylhexane</td>
<td>591-76-4</td>
<td>1 - 3</td>
<td>591-76-4</td>
<td>1 - 3</td>
</tr>
<tr>
<td>heptane, branched, cyclic and linear</td>
<td>426260-76-6</td>
<td>1 - 3</td>
<td>426260-76-6</td>
<td>1 - 3</td>
</tr>
<tr>
<td>naphtha (petroleum), hydrotreated light</td>
<td>64742-49-0</td>
<td>1 - 3</td>
<td>64742-49-0</td>
<td>1 - 3</td>
</tr>
<tr>
<td>solvent naphtha (petroleum), light aliph.</td>
<td>64742-89-8</td>
<td>1 - 3</td>
<td>64742-89-8</td>
<td>1 - 3</td>
</tr>
<tr>
<td>3,3-dimethylpentane</td>
<td>562-49-2</td>
<td>&lt; 1</td>
<td>562-49-2</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>3-ethylpentane</td>
<td>617-78-7</td>
<td>&lt; 1</td>
<td>617-78-7</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

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

4. First-aid measures

Inhalation
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.

Skin contact
Remove contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact
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.

Ingestion
Not likely, due to the form of the product. 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.

Most important symptoms/effects, acute and delayed
Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media
Water fog. Alcohol resistant foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical
Contents under pressure. Pressurized container may rupture when exposed to heat or flame. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire-fighting equipment/instructions
In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.

General fire hazards
Extremely flammable aerosol. Contents under pressure. Pressurized container may rupture when exposed to heat or flame.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Remove all possible sources of ignition in the surrounding area. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
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. Prevent product from entering drains. Stop the flow of material, if this is without risk. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Environmental precautions
Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

7. Handling and storage

Precautions for safe handling
Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. 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. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, see the product label.

Conditions for safe storage, including any incompatibilities
Level 3 Aerosol.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Avoid spark promoters. These alone may be insufficient to remove static electricity. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).
8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>PEL</td>
<td>2400 mg/m³</td>
</tr>
<tr>
<td>methylcyclohexane (CAS 108-87-2)</td>
<td>PEL</td>
<td>2000 mg/m³</td>
</tr>
<tr>
<td>naphtha (petroleum), hydrotreated light (CAS 64742-49-0)</td>
<td>PEL</td>
<td>500 ppm</td>
</tr>
<tr>
<td>n-heptane (CAS 142-82-5)</td>
<td>PEL</td>
<td>100 ppm</td>
</tr>
<tr>
<td>solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)</td>
<td>PEL</td>
<td>400 mg/m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-methylhexane (CAS 591-76-4)</td>
<td>STEL</td>
<td>500 ppm</td>
</tr>
<tr>
<td>3,3-dimethylpentane (CAS 562-49-2)</td>
<td>TWA</td>
<td>400 ppm</td>
</tr>
<tr>
<td>3-ethylpentane (CAS 617-78-7)</td>
<td>TWA</td>
<td>400 ppm</td>
</tr>
<tr>
<td>3-methylhexane (CAS 589-34-4)</td>
<td>TWA</td>
<td>400 ppm</td>
</tr>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>STEL</td>
<td>500 ppm</td>
</tr>
<tr>
<td>methylcyclohexane (CAS 108-87-2)</td>
<td>TWA</td>
<td>250 ppm</td>
</tr>
<tr>
<td>n-heptane (CAS 142-82-5)</td>
<td>STEL</td>
<td>500 ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>TWA</td>
<td>590 mg/m³</td>
</tr>
<tr>
<td>methylcyclohexane (CAS 108-87-2)</td>
<td>TWA</td>
<td>1600 mg/m³</td>
</tr>
<tr>
<td>naphtha (petroleum), hydrotreated light (CAS 64742-49-0)</td>
<td>TWA</td>
<td>400 ppm</td>
</tr>
<tr>
<td>n-heptane (CAS 142-82-5)</td>
<td>Ceiling</td>
<td>100 ppm</td>
</tr>
<tr>
<td>solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)</td>
<td>TWA</td>
<td>400 mg/m³</td>
</tr>
</tbody>
</table>

Material name: Heavy Duty Silicone
No. 05074 (Item# 1003684)    Version #: 01    Issue date: 08-17-2017
Biological limit values

<table>
<thead>
<tr>
<th>Component</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>25 mg/l</td>
<td>Acetone</td>
<td>Urine</td>
<td>*</td>
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</tbody>
</table>

* - For sampling details, please see the source document.

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 should 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. Polyvinyl alcohol (PVA). Viton/butyl.
Other
Wear appropriate chemical resistant clothing.

Respiratory protection
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.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
When using do not 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.

9. Physical and chemical properties

Appearance
Physical state
Liquid.
Form
Aerosol.
Color
Water-white.

Odor
Solvent.
Odor threshold
Not available.

pH
Not available.

Melting point/freezing point
-195.9 °F (-126.6 °C) estimated
Initial boiling point and boiling range
132.9 °F (56.1 °C) estimated

Flash point
< 0 °F (< -17.8 °C) Tag Closed Cup

Evaporation rate
Fast.

Flammability (solid, gas)
Not available.

Upper/lower flammability or explosive limits
Flammability limit - lower (%)
1.1 % estimated
Flammability limit - upper (%)
12.8 % estimated

Vapor pressure
1518.9 hPa estimated

Vapor density
> 1 (air = 1)
Relative density
0.69 estimated

Solubility (water)
Slightly soluble.
Partition coefficient (n-octanol/water)
Not available.

Auto-ignition temperature
539.6 °F (282 °C) estimated

Decomposition temperature
Not available.

Viscosity (kinematic)
Not available.

Percent volatile
96.7 % estimated
10. Stability and reactivity

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Material is stable under normal conditions.

Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

Conditions to avoid
Heat, flames and sparks. Contact with incompatible materials.

Incompatible materials
Acids. Strong oxidizing agents.

Hazardous decomposition products
Carbon oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation
May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.

Skin contact
Causes skin irritation.

Eye contact
Causes serious eye irritation.

Ingestion
Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics
Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity
May be fatal if swallowed and enters airways.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-methylhexane (CAS 589-34-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>20000 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>5800 mg/kg</td>
</tr>
<tr>
<td>heptane, branched, cyclic and linear (CAS 426260-76-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>&gt; 2000 mg/kg</td>
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<tr>
<td>Inhalation</td>
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<tr>
<td>LC50</td>
<td>Rat</td>
<td>&gt; 60 mg/l, 4 hours</td>
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<td>Oral</td>
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<td></td>
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<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 5000 mg/kg</td>
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<tr>
<td>methylcyclohexane (CAS 108-87-2)</td>
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<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>naphtha (petroleum), hydrotreated light (CAS 64742-49-0)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>Components</td>
<td>Species</td>
<td>Test Results</td>
</tr>
<tr>
<td>------------</td>
<td>---------</td>
<td>--------------</td>
</tr>
<tr>
<td>n-heptane (CAS 142-82-5)</td>
<td>Acute</td>
<td>Rabbit</td>
</tr>
<tr>
<td></td>
<td>Dermal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LD50</td>
<td>3000 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Oral</td>
<td>Rabbit</td>
</tr>
<tr>
<td></td>
<td>LD50</td>
<td>4996 mg/kg</td>
</tr>
<tr>
<td>polydimethylsiloxane (CAS 63148-62-9)</td>
<td>Acute</td>
<td>Rabbit</td>
</tr>
<tr>
<td></td>
<td>Dermal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LD50</td>
<td>&gt; 2006 mg/kg</td>
</tr>
<tr>
<td>solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)</td>
<td>Acute</td>
<td>Rabbit</td>
</tr>
<tr>
<td></td>
<td>Dermal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LD50</td>
<td>&gt; 2000 mg/kg</td>
</tr>
</tbody>
</table>

* 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 sensitization
Not a respiratory sensitizer.

Skin sensitization
This product is not expected to cause skin sensitization.

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

Carcinogenicity
Not classifiable as to carcinogenicity to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity
Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens
Not listed.

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

Specific target organ toxicity - single exposure
May cause drowsiness and dizziness.

Specific target organ toxicity - repeated exposure
Not classified.

Aspiration hazard
May be fatal if swallowed and enters airways. If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death.

Chronic effects
Prolonged inhalation may be harmful.

### 12. Ecological information

Ecotoxicity
Very toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>Aquatic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Crustacea</td>
<td>EC50</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fish</td>
<td>LC50</td>
</tr>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>heptane, branched, cyclic and linear (CAS 426260-76-6)</td>
<td>Aquatic</td>
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</tr>
<tr>
<td></td>
<td>Acute</td>
<td>Crustacea</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Components</td>
<td>Species</td>
<td>Test Results</td>
</tr>
<tr>
<td>------------</td>
<td>---------</td>
<td>--------------</td>
</tr>
<tr>
<td>methylcyclohexane (CAS 108-87-2)</td>
<td>Aquatic Fish LC50</td>
<td>Striped bass (Morone saxatilis) 5.8 mg/l, 96 hours</td>
</tr>
<tr>
<td>naphtha (petroleum), hydrotreated light (CAS 64742-49-0)</td>
<td>Aquatic Acute Crustacea EC50</td>
<td>Daphnia 1 - 10 mg/l, 48 hours</td>
</tr>
<tr>
<td>n-heptane (CAS 142-82-5)</td>
<td>Aquatic Acute Crustacea EC50</td>
<td>Water flea (Daphnia magna) 1.5 mg/l, 48 hours</td>
</tr>
<tr>
<td>polydimethylsiloxane (CAS 63148-62-9)</td>
<td>Aquatic Fish LC50</td>
<td>Channel catfish (Ictalurus punctatus) 2.36 - 4.15 mg/l, 96 hours</td>
</tr>
<tr>
<td>solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)</td>
<td>Aquatic Acute Crustacea EC50</td>
<td>Water flea (Daphnia magna) 1.5 mg/l, 48 hours</td>
</tr>
</tbody>
</table>

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

**Persistence and degradability**

**Bioaccumulative potential**

- Partition coefficient n-octanol / water (log Kow)
  - acetone: -0.24
  - methylcyclohexane: 3.61
  - n-heptane: 4.66

- Bioconcentration factor (BCF)
  - naphtha (petroleum), hydrotreated light: 10 - 25000

**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.

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**13. Disposal considerations**

**Disposal of waste from residues / unused products**

If discarded, this product is considered a RCRA ignitable waste, D001. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose in accordance with all applicable regulations.

**Hazardous waste code**

D001: Waste Flammable material with a flash point <140 F

**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.

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**14. Transport information**

**DOT**

- UN number: UN1950
- UN proper shipping name: Aerosols, flammable, Limited Quantity
- Transport hazard class(es)
  - Class: 2.1
  - Subsidiary risk: -
  - Label(s): 2.1
- Packing group: Not applicable.
Material name: Heavy Duty Silicone
No. 05074 (Item# 1003684) Version #: 01 Issue date: 08-17-2017 SDS US

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.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance
Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)
3,3-dimethylpentane (CAS 562-49-2) Listed.
acetone (CAS 67-64-1) Listed.

CERCLA Hazardous Substances: Reportable quantity
3,3-dimethylpentane (CAS 562-49-2) 100 LBS
acetone (CAS 67-64-1) 5000 LBS

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.
Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number
acetone (CAS 67-64-1) 6532

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
acetone (CAS 67-64-1) 35 %WV

DEA Exempt Chemical Mixtures Code Number
acetone (CAS 67-64-1) 6532

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace
acetone (CAS 67-64-1) Low priority

Food and Drug Administration (FDA)

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Section 311/312
Hazard categories
Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - Yes
Reactivity Hazard - No

SARA 302 Extremely hazardous substance No

US state regulations

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))
acetone (CAS 67-64-1)
liquefied petroleum gas (CAS 68476-86-8)
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)
solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

US. New Jersey Worker and Community Right-to-Know Act
3-methylhexane (CAS 589-34-4)
acetone (CAS 67-64-1)
methylcyclohexane (CAS 108-87-2)
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)
n-heptane (CAS 142-82-5)
solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

US. Massachusetts RTK - Substance List
2-methylhexane (CAS 591-76-4)
3-methylhexane (CAS 589-34-4)
acetone (CAS 67-64-1)
methylcyclohexane (CAS 108-87-2)
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)
n-heptane (CAS 142-82-5)
solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

US. Pennsylvania Worker and Community Right-to-Know Law
2-methylhexane (CAS 591-76-4)
3,3-dimethylpentane (CAS 562-49-2)
3-methylhexane (CAS 589-34-4)
acetone (CAS 67-64-1)
methylcyclohexane (CAS 108-87-2)
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)
n-heptane (CAS 142-82-5)
solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

US. Rhode Island RTK
acetone (CAS 67-64-1)
methylcyclohexane (CAS 108-87-2)
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)
n-heptane (CAS 142-82-5)
solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

US. California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
acetaldehyde (CAS 75-07-0) Listed: April 1, 1988
benzene (CAS 71-43-2) Listed: February 27, 1987
cumene (CAS 98-82-8) Listed: April 6, 2010
ethylbenzene (CAS 100-41-4) Listed: June 11, 2004
naphthalene (CAS 91-20-3) Listed: April 19, 2002

US - California Proposition 65 - CRT: Listed date/Developmental toxin
benzene (CAS 71-43-2) Listed: December 26, 1997
toluene (CAS 108-88-3) Listed: January 1, 1991

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin
benzene (CAS 71-43-2) Listed: December 26, 1997

Volatile organic compounds (VOC) regulations

EPA
VOC content (40 CFR 51.100(s)) 59.5 %
Consumer products (40 CFR 59, Subpt. C) Not regulated

State
Consumer products This product is regulated as a Silicone Based Multi-Purpose Lubricant. This product is compliant for use in all 50 states.
VOC content (CA) 59.5 %
VOC content (OTC) 59.5 %

International Inventories

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

*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

Issue date 08-17-2017
Prepared by Allison Yoon
Version # 01
Further information CRC # 519C/1002519
HMIS® ratings
Health: 2
Flammability: 4
Physical hazard: 0
Personal protection: B

NFPA ratings
Health: 2
Flammability: 4
Instability: 0

Material name: Heavy Duty Silicone
No. 05074 (Item# 1003684) Version #: 01 Issue date: 08-17-2017
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Revision Information
This document has undergone significant changes and should be reviewed in its entirety.