SAFETY DATA SHEET

1. Identification

Product identifier: DP-88 FIBERGLASS EDGE COATING

Other means of identification
SDS number: RE1000039569

Recommended restrictions
Product Use: Coating
Restrictions on use: Not known.

Manufacturer/Importer/Distributor Information

Manufactured For
Company Name: Design Polymerics
Address: 3301 W. Seregstrom Avenue
Santa Ana, CA 92704
Telephone: 1-714-432-0600
Fax: 1-866-836-8855

2. Hazard(s) identification

Hazard Classification
Physical Hazards
Flammable aerosol Category 1

Health Hazards
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A
Carcinogenicity Category 1A
Toxic to reproduction Category 2
Specific Target Organ Toxicity - Single Exposure Category 3¹

Target Organs
1. Narcotic effect.

Environmental Hazards
Acute hazards to the aquatic environment Category 3

Label Elements

Hazard Symbol:
Signal Word:             Danger

Hazard Statement:        Extremely flammable aerosol.
                         Causes skin irritation.
                         Causes serious eye irritation.
                         May cause cancer.
                         Suspected of damaging fertility or the unborn child.
                         May cause drowsiness or dizziness.
                         Harmful to aquatic life.

Precautionary Statements

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid release to the environment.

Response: IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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 ON SKIN: Wash with plenty of water/… If skin irritation occurs: Get medical advice/attention. Call a POISON CENTER/doctor if you feel unwell. Specific treatment (see on this label). Take off contaminated clothing.

Storage: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Disposal: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Hazard(s) not otherwise classified (HNOC): None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>CAS number</th>
<th>Content in percent (%)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanone</td>
<td>67-64-1</td>
<td>20 - &lt;50%</td>
</tr>
<tr>
<td>Benzene, methyl-</td>
<td>106-88-3</td>
<td>10 - &lt;20%</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>10 - &lt;20%</td>
</tr>
<tr>
<td>Carbonic acid calcium salt (1:1)</td>
<td>471-34-1</td>
<td>5 - &lt;10%</td>
</tr>
<tr>
<td>Benzene, dimethyl-</td>
<td>1330-20-7</td>
<td>1 - &lt;5%</td>
</tr>
<tr>
<td>Carbon black</td>
<td>1333-86-4</td>
<td>1 - &lt;5%</td>
</tr>
<tr>
<td>Benzene, ethyl-</td>
<td>100-41-4</td>
<td>0.1 - &lt;1%</td>
</tr>
</tbody>
</table>
4. First-aid measures

**Ingestion:**
Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

**Inhalation:**
Move to fresh air.

**Skin Contact:**
Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. Get medical attention.

**Eye contact:**
Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

**Most important symptoms/effects, acute and delayed**

**Symptoms:** No data available.

**Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** No data available.

5. Fire-fighting measures

**General Fire Hazards:**
Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:**
Use fire-extinguishing media appropriate for surrounding materials.

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

**Specific hazards arising from the chemical:**
Vapors may travel considerable distance to a source of ignition and flash back.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:**
No data available.

**Special protective equipment for fire-fighters:**
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

Methods and material for containment and cleaning up:
Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

Notification Procedures:
Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.

Environmental Precautions:
Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer.

7. Handling and storage

Precautions for safe handling:
Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Avoid contact with eyes. Wash hands thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid contact with skin.

Conditions for safe storage, including any incompatibilities:
Store locked up. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Aerosol Level 2

8. Exposure controls/personal protection

Control Parameters

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Type</th>
<th>Exposure Limit Values</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanone</td>
<td>STEL</td>
<td>1,000 ppm 2,400 mg/m³</td>
<td>US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>750 ppm 1,780 mg/m³</td>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)</td>
</tr>
<tr>
<td></td>
<td>PEL</td>
<td>1,000 ppm 2,400 mg/m³</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>250 ppm</td>
<td>US. ACGIH Threshold Limit Values (03 2015)</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>750 ppm 1,800 mg/m³</td>
<td>US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)</td>
</tr>
<tr>
<td></td>
<td>Ceiling</td>
<td>3,000 ppm</td>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>500 ppm</td>
<td>US. ACGIH Threshold Limit Values (03 2015)</td>
</tr>
<tr>
<td></td>
<td>TWA PEL</td>
<td>500 ppm 1,200 mg/m³</td>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)</td>
</tr>
<tr>
<td></td>
<td>REL</td>
<td>250 ppm 590 mg/m³</td>
<td>US. NIOSH: Pocket Guide to Chemical Hazards (2005)</td>
</tr>
<tr>
<td>Benzene, methyl-</td>
<td>STEL</td>
<td>150 ppm 560 mg/m³</td>
<td>US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)</td>
</tr>
<tr>
<td></td>
<td>TWA PEL</td>
<td>10 ppm 37 mg/m³</td>
<td>US. California Code of Regulations, Title 8,</td>
</tr>
<tr>
<td>Substance</td>
<td>REL</td>
<td>TWA</td>
<td>STEL</td>
</tr>
<tr>
<td>-----------</td>
<td>-----</td>
<td>-----</td>
<td>------</td>
</tr>
<tr>
<td>Propane</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbonic acid calcium salt (1:1) - Total</td>
<td>REL</td>
<td>10 mg/m³</td>
<td>US. NIOSH: Pocket Guide to Chemical Hazards (2010)</td>
</tr>
<tr>
<td>Carbonic acid calcium salt (1:1) - Respirable fraction</td>
<td>REL</td>
<td>5 mg/m³</td>
<td>US. NIOSH: Pocket Guide to Chemical Hazards (2010)</td>
</tr>
<tr>
<td>Carbonic acid calcium salt (1:1) - Total dust</td>
<td>TWA</td>
<td>15 mg/m³</td>
<td>US. Tennessee. OELS. Occupational Exposure Limits, Table Z1A (06 2008)</td>
</tr>
<tr>
<td>Carbonic acid calcium salt (1:1) - Respirable fraction</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>US. Tennessee. OELS. Occupational Exposure Limits, Table Z1A (06 2008)</td>
</tr>
<tr>
<td>Carbonic acid calcium salt (1:1) - Total dust</td>
<td>TWA</td>
<td>15 mg/m³</td>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)</td>
</tr>
<tr>
<td>Benzene, dimethyl-</td>
<td>STEL</td>
<td>150 ppm</td>
<td>655 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Value</td>
<td>Source</td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td>-------------</td>
<td>------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td><strong>TWA</strong></td>
<td>100 ppm</td>
<td>US. ACGIH Threshold Limit Values (2008)</td>
<td></td>
</tr>
<tr>
<td>Ceiling</td>
<td>300 ppm</td>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)</td>
<td></td>
</tr>
<tr>
<td><strong>TWA</strong></td>
<td>100 ppm</td>
<td>US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)</td>
<td></td>
</tr>
<tr>
<td><strong>STEL</strong></td>
<td>150 ppm</td>
<td>US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)</td>
<td></td>
</tr>
<tr>
<td><strong>REL</strong></td>
<td>100 ppm</td>
<td>US. NIOSH: Pocket Guide to Chemical Hazards (2016)</td>
<td></td>
</tr>
<tr>
<td><strong>ST ESL</strong></td>
<td>510 ppb</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
<td></td>
</tr>
<tr>
<td><strong>PEL</strong></td>
<td>100 ppm</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)</td>
<td></td>
</tr>
<tr>
<td><strong>STEL</strong></td>
<td>150 ppm</td>
<td>US. ACGIH Threshold Limit Values (2008)</td>
<td></td>
</tr>
<tr>
<td><strong>AN ESL</strong></td>
<td>41 ppb</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
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</tr>
<tr>
<td><strong>ST ESL</strong></td>
<td>2,200 µg/m3</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
<td></td>
</tr>
<tr>
<td><strong>STEL</strong></td>
<td>150 ppm</td>
<td>US. NIOSH: Pocket Guide to Chemical Hazards (2016)</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>REL</td>
<td>3.5 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>TWA PEL</td>
<td>3.5 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>PEL</td>
<td>3.5 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>ST ESL</td>
<td>35 µg/m3</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>TWA</td>
<td>3 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>AN ESL</td>
<td>3.5 µg/m3</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>TWA</td>
<td>3.5 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>REL</td>
<td>0.1 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>ST ESL</td>
<td>35 µg/m3</td>
<td></td>
</tr>
<tr>
<td>Benzene, ethyl-</td>
<td>TWA</td>
<td>100 ppm 435 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>ST ESL</td>
<td>26,000 µg/m3</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>AN ESL</td>
<td>570 µg/m3</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>ST ESL</td>
<td>6,000 ppb</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>AN ESL</td>
<td>130 ppb</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>REL</td>
<td>100 ppm 435 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Benzene, ethyl-</td>
<td>TWA</td>
<td>100 ppm 435 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>ST ESL</td>
<td>30 ppm 130 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>AN ESL</td>
<td>130 ppb</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>REL</td>
<td>100 ppm 435 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Benzene, ethyl-</td>
<td>TWA</td>
<td>100 ppm 435 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>ST ESL</td>
<td>125 ppm 545 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

SDS_US - RE1000039569 6/22
<table>
<thead>
<tr>
<th>Compound</th>
<th>PEL</th>
<th>TWA</th>
<th>Source and Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>100 ppm</td>
<td>435 mg/m³</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)</td>
</tr>
<tr>
<td>PEL</td>
<td>125 ppm</td>
<td>545 mg/m³</td>
<td>US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)</td>
</tr>
<tr>
<td>TWA</td>
<td>20 ppm</td>
<td></td>
<td>US. ACGIH Threshold Limit Values (12 2010)</td>
</tr>
<tr>
<td>TWA PEL</td>
<td>5 ppm</td>
<td>22 mg/m³</td>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2013)</td>
</tr>
<tr>
<td>STEL PEL</td>
<td>1,000 ppm</td>
<td>1,900 mg/m³</td>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)</td>
</tr>
<tr>
<td>REL</td>
<td>1,000 ppm</td>
<td>1,900 mg/m³</td>
<td>US. NIOSH: Pocket Guide to Chemical Hazards (2005)</td>
</tr>
<tr>
<td>PEL</td>
<td>1,000 ppm</td>
<td>1,900 mg/m³</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)</td>
</tr>
<tr>
<td>TWA</td>
<td>1,000 ppm</td>
<td>1,900 mg/m³</td>
<td>US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)</td>
</tr>
<tr>
<td>TWA</td>
<td>1,000 ppm</td>
<td>1,900 mg/m³</td>
<td>US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)</td>
</tr>
<tr>
<td>STEL PEL</td>
<td>1,000 ppm</td>
<td></td>
<td>US. ACGIH Threshold Limit Values (2009)</td>
</tr>
<tr>
<td>AN ESL</td>
<td>1,880 µg/m³</td>
<td></td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
</tr>
<tr>
<td>ST ESL</td>
<td>10,000 ppb</td>
<td></td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
</tr>
<tr>
<td>AN ESL</td>
<td>1,000 ppb</td>
<td></td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
</tr>
<tr>
<td>ST ESL</td>
<td>18,800 µg/m³</td>
<td></td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
</tr>
<tr>
<td>Naphtha (petroleum), hydrotreated light</td>
<td>100 ppm</td>
<td>400 mg/m³</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (03 2016)</td>
</tr>
<tr>
<td>TWA PEL</td>
<td>300 ppm</td>
<td>1,350 mg/m³</td>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (01 2015)</td>
</tr>
<tr>
<td>STEL</td>
<td>400 ppm</td>
<td>1,800 mg/m³</td>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (01 2015)</td>
</tr>
<tr>
<td>TWA</td>
<td>100 ppm</td>
<td>400 mg/m³</td>
<td>US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)</td>
</tr>
<tr>
<td>REL</td>
<td>100 ppm</td>
<td>400 mg/m³</td>
<td>US. NIOSH: Pocket Guide to Chemical Hazards (2010)</td>
</tr>
<tr>
<td>ST ESL</td>
<td>3,500 µg/m³</td>
<td></td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
</tr>
<tr>
<td>AN ESL</td>
<td>350 µg/m³</td>
<td></td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
</tr>
<tr>
<td>TWA</td>
<td>100 ppm</td>
<td>400 mg/m³</td>
<td>US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)</td>
</tr>
<tr>
<td>Quartz (SiO₂) - Respirable fraction.</td>
<td>TWA</td>
<td>0.025 mg/m³</td>
<td>US. ACGIH Threshold Limit Values (2008)</td>
</tr>
<tr>
<td>Quartz (SiO₂) - Respirable dust.</td>
<td>REL</td>
<td>0.05 mg/m³</td>
<td>US. NIOSH: Pocket Guide to Chemical Hazards (2005)</td>
</tr>
<tr>
<td>Quartz (SiO₂) - Respirable dust.</td>
<td>TWA</td>
<td>0.05 mg/m³</td>
<td>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) (03 2016)</td>
</tr>
<tr>
<td>OSHA_AC_T</td>
<td>0.025 mg/m³</td>
<td></td>
<td>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) (03 2016)</td>
</tr>
<tr>
<td>Quartz (SiO₂) - Respirable dust.</td>
<td>PEL</td>
<td>0.05 mg/m³</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (03 2016)</td>
</tr>
<tr>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td></td>
<td>US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)</td>
</tr>
<tr>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td></td>
<td>US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)</td>
</tr>
<tr>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td></td>
<td>US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)</td>
</tr>
<tr>
<td>Quartz (SiO₂) - Respirable.</td>
<td>TWA</td>
<td>2.4 millions of particles per cubic foot of air</td>
<td>US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)</td>
</tr>
<tr>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td></td>
<td>US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)</td>
</tr>
<tr>
<td>Quartz (SiO₂) - Respirable</td>
<td>TWA PEL</td>
<td>0.05 mg/m³</td>
<td>US. California Code of Regulations, Title 8, (29 CFR 1910.1000) (03 2016)</td>
</tr>
</tbody>
</table>

**OSHA Table Z** refers to the Occupational Safety and Health Administration's Table Z, which lists permissible exposure limits for occupational exposure to various substances. **ACGIH** stands for the American Conference of Governmental Industrial Hygienists, who establish recommended exposure limits for workplace chemicals. **NIOSH** is the National Institute for Occupational Safety and Health, which is part of the Centers for Disease Control and Prevention. **Texas Commission on Environmental Quality** provides guidance on health effects screening levels. **California Code of Regulations, Title 8** outlines state-specific occupational health and safety regulations.
## Biological Limit Values

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Exposure Limit Values</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanone (acetone: Sampling time: End of shift.)</td>
<td>25 mg/l (Urine)</td>
<td>ACGIH BEL (03 2015)</td>
</tr>
<tr>
<td>Benzene, methyl- (toluene: Sampling time: End of shift.)</td>
<td>0.03 mg/l (Urine)</td>
<td>ACGIH BEL (03 2013)</td>
</tr>
<tr>
<td>Benzene, methyl- (o-Cresol, with hydrolysis: Sampling time: End of shift.)</td>
<td>0.3 mg/g (Creatinine in urine)</td>
<td>ACGIH BEL (03 2013)</td>
</tr>
<tr>
<td>Benzene, methyl- (toluene: Sampling time: Prior to last shift of work week.)</td>
<td>0.02 mg/l (Blood)</td>
<td>ACGIH BEL (03 2013)</td>
</tr>
<tr>
<td>Benzene, dimethyl- (Methylhippuric acids: Sampling time: End of shift.)</td>
<td>1.5 g/g (Creatinine in urine)</td>
<td>ACGIH BEL (03 2013)</td>
</tr>
<tr>
<td>Benzene, ethyl- (Sum of mandelic acid and phenylglyoxylic acid: Sampling time: End of shift.)</td>
<td>0.15 g/g (Creatinine in urine)</td>
<td>ACGIH BEL (02 2014)</td>
</tr>
</tbody>
</table>

### Appropriate Engineering Controls

No data available.
Individual protection measures, such as personal protective equipment

General information: Provide easy access to water supply and eye wash facilities. 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. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Eye/face protection: Wear safety glasses with side shields (or goggles).

Skin Protection
Hand Protection: No data available.

Other: Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

Respiratory Protection: In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

Hygiene measures: Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Avoid contact with eyes. When using do not smoke. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash contaminated clothing before reuse. Avoid contact with skin.

9. Physical and chemical properties

Appearance
Physical state: liquid
Form: Spray Aerosol
Color: No data available.
Odor: No data available.
Odor threshold: No data available.
pH: No data available.
Melting point/freezing point: No data available.
Initial boiling point and boiling range: No data available.
Flash Point: -104.44 °C
Evaporation rate: No data available.
Flammability (solid, gas): No data available.
Upper/lower limit on flammability or explosive limits
Flammability limit - upper (%): No data available.
Flammability limit - lower (%): No data available.
Explosive limit - upper (%): No data available.
Explosive limit - lower (%): No data available.
Vapor pressure: 2,757.9029 - 4,136.8544 hPa (20 °C)

Vapor density: No data available.
Density: No data available.
Relative density: No data available.
Solubility(ies)
10. Stability and reactivity

Reactivity: No data available.

Chemical Stability: Material is stable under normal conditions.

Possibility of hazardous reactions: No data available.

Conditions to avoid: Avoid heat or contamination.

Incompatible Materials: No data available.

Hazardous Decomposition Products: No data available.

11. Toxicological information

Information on likely routes of exposure

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral Product: Not classified for acute toxicity based on available data.
Specified substance(s):
- 2-Propanone: LD 50 (Rat): 5,800 mg/kg
- Benzene, methyl-: LD 50 (Rat): 5,580 mg/kg
- Carbonic acid calcium salt (1:1): NOAEL (Mouse): 1,300 mg/kg
  LD 50 (Rat): > 2,000 mg/kg
  LD 0 (Rat): > 2,000 mg/kg
- Benzene, dimethyl-: LD 50 (Rat): 3,523 mg/kg
- Carbon black: LD 50 (Rat): > 8,000 mg/kg
- Benzene, ethyl-: LD 50 (Rat): 5.46 g/kg
  LD 50 (Rat): 3,500 mg/kg
- Ethanol: LD 50 (Rat): 10,470 mg/kg
- Naphtha (petroleum), hydrotreated light: LD 50 (Rat): > 5,000 mg/kg
- 2-Propanol, 2-methyl-: LD 50: > 2,000 mg/kg

Dermal Product:
Not classified for acute toxicity based on available data.

Specified substance(s):
- 2-Propanone: LD 50 (Rabbit): > 7,426 mg/kg
- Benzene, methyl-: LD 50 (Rabbit): > 5,000 mg/kg
- Carbonic acid calcium salt (1:1): LD 50 (Rat): > 2,000 mg/kg
- Benzene, dimethyl-: LD 50 (Rabbit): 12,126 mg/kg
- Benzene, ethyl-: ATE: > 2,000 mg/kg
- Ethanol: LD 50 (Rabbit): 17,100 mg/kg
- Naphtha (petroleum), hydrotreated light: LD 50 (Rabbit): > 3,750 mg/kg
- 2-Propanol, 2-methyl-: LD 50: > 2,000 mg/kg

Inhalation
Product: ATEmix: 8.71 mg/l

Repeated dose toxicity
Product: No data available.

Specified substance(s):
2-Propanone
NOAEL (Rat(Male), Oral, 13 Weeks): 10,000 ppm(m) Oral Experimental result, Key study

Benzene, methyl-
LOAEL (Rat(Female, Male), Oral, 13 Weeks): 1,250 mg/kg (Target Organ(s): Liver, Kidney) Oral Experimental result, Key study
NOAEL (Rat(Female, Male), Inhalation): 625 ppm(m) Inhalation Experimental result, Key study
NOAEL (Rat(Female, Male), Inhalation - vapor): 2,355 mg/l Inhalation Experimental result, Key study

Propane
NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study
LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study

Carbonic acid calcium salt (1:1)
NOAEL (Mouse(Female, Male), Oral, 28 d): 1,300 mg/kg Oral Experimental result, Supporting study
NOAEL (Rat(Female, Male), Oral, 14 d): 1,000 mg/kg Oral Experimental result, Supporting study
NOAEL (Rat(Female, Male), Oral, <= 48 d): 1,000 mg/kg Oral Experimental result, Supporting study

Benzene, dimethyl-
NOAEL (Rat(Female), Oral, 90 d): 150 mg/kg Oral Experimental result, Key study

Carbon black
NOAEL (Rat(Female), Oral, 52 - 104 Weeks): 52 mg/kg Oral Experimental result, Key study
NOAEL (Rat(Male), Inhalation): 1.1 mg/m3 Inhalation Experimental result, Key study

Benzene, ethyl-
NOAEL (Rabbit, Inhalation): 0.1 mg/l Inhalation Experimental result, Supporting study
NOAEL (Rabbit(Female, Male), Inhalation, 186 - 214 d): 400 ppm(m) Inhalation Experimental result, Supporting study
NOAEL (Mouse(Female, Male), Inhalation, 104 Weeks): 75 ppm(m) Inhalation Experimental result, Key study
LOAEL (Rat(Female, Male), Inhalation, <= 6 Months): 400 ppm(m) Inhalation Experimental result, Supporting study
NOAEL (Rat(Female, Male), Oral, 28 d): 75 mg/kg Oral Experimental result, Key study

Ethanol
NOAEL (Rat(Male), Oral, 7 - 14 Weeks): 10 %(m) Oral Experimental result, Key study

Naphtha (petroleum), hydrotreated light
LOAEL (Rat(Female, Male), Oral, 13 Weeks): 1,250 mg/kg Oral Read-across based on grouping of substances (category approach), Key study
NOAEL (Rat(Female, Male), Dermal, 28 d): > 375 mg/kg Dermal Experimental result, Supporting study
NOAEL (Rat(Female, Male), Inhalation): 10,000 mg/m3 Inhalation Experimental result, Key study

Skin Corrosion/Irritation
Product: No data available.

Specified substance(s):
2-Propanone in vivo (Rabbit): Not irritant Experimental result, Supporting study

Benzene, methyl- in vivo (Rabbit): Irritating Experimental result, Key study

Carbonic acid calcium salt (1:1) in vivo (Rabbit): Not irritant Experimental result, Key study

Benzene, dimethyl- in vivo (Rabbit): Moderate irritant Experimental result, Weight of Evidence study

Carbon black in vivo (Rabbit): Not irritant Experimental result, Key study

Ethanol in vivo (Rabbit): Not irritant Experimental result, Key study

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Specified substance(s):**

2-Propanone Irritating.
Rabbit, 24 hrs: Minimum grade of severe eye irritant

Benzene, methyl- Rabbit, 24 - 72 hrs: Not irritating

Carbonic acid calcium salt (1:1) Rabbit, 24 - 72 hrs: Not irritating
Rabbit, 24 - 72 hrs: Not irritating

Benzene, dimethyl- Rabbit, 1 hrs: Slightly irritating (Not Classified)

Carbon black Rabbit, 24 - 72 hrs: Not irritating

Benzene, ethyl- Rabbit, 7 d: Slightly irritating

Ethanol Rabbit, 1 - 24 hrs: Not irritating

Naphtha (petroleum), hydrotreated light Rabbit, 24 - 72 hrs: Not irritating

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Specified substance(s):**

2-Propanone Skin sensitization.; in vivo (Guinea pig): Non sensitising

Benzene, methyl- Skin sensitization.; in vivo (Guinea pig): Non sensitising

Carbon black Skin sensitization.; in vivo (Guinea pig): Non sensitising

Benzene, ethyl- Skin sensitization.; in vivo (Human): Non sensitising

Ethanol Skin sensitization.; in vivo (Guinea pig): Non sensitising

Naphtha (petroleum), hydrotreated light Skin sensitization.; in vivo (Guinea pig): Non sensitising

**Carcinogenicity**

**Product:** No data available.
IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
- Carbon black: Overall evaluation: 2B. Possibly carcinogenic to humans.
- Benzene, ethyl-: Overall evaluation: 2B. Possibly carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens:
- Quartz (SiO2): Known To Be Human Carcinogen.

- Quartz (SiO2): Cancer

Germ Cell Mutagenicity
- In vitro
  - Product: No data available.
- In vivo
  - Product: No data available.

Reproductive toxicity
- Product: No data available.
- Specified substance(s):
  - Benzene, methyl-: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity - Single Exposure
- Product: No data available.
- Specified substance(s):
  - 2-Propanone: Inhalation - vapor: Narcotic effect. - Category 3 with narcotic effects.
  - Benzene, methyl-: Inhalation - vapor: Narcotic effect. - Category 3 with narcotic effects.
  - 2-Propanol, 2-methyl-: Inhalation - dust and mist: Respiratory tract irritation. - Category 3 with respiratory tract irritation.

Specific Target Organ Toxicity - Repeated Exposure
- Product: No data available.
- Specified substance(s):
  - Benzene, methyl-: Category 2

Target Organs
- Specific Target Organ Toxicity - Single Exposure: Narcotic effect.

Aspiration Hazard
- Product: No data available.
- Specified substance(s):
  - Benzene, methyl-: May be fatal if swallowed and enters airways.
  - Naphtha (petroleum), hydrotreated light: May be fatal if swallowed and enters airways.

Other effects:
- No data available.
## 12. Ecological information

### Ecotoxicity:

#### Acute hazards to the aquatic environment:

**Fish**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Specified substance(s):</th>
<th>LC 50 (Oncorhynchus mykiss, 96 h):</th>
<th>5,540 mg/l Experimental result, Key study</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzene, methyl-</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbonic acid calcium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>salt (1:1)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzene, dimethyl-</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzene, ethyl-</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethanol</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Naphtha (petroleum),</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>hydrotreated light</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-Propanol, 2-methyl-</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Aquatic Invertebrates**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Specified substance(s):</th>
<th>EC 50 (Daphnia magna, 24 h):</th>
<th>&gt; 5,600 mg/l Experimental result, Key study</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzene, methyl-</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzene, dimethyl-</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No data available.
Benzene, ethyl- LC 50 (Water flea (Daphnia magna), 24 h): 57 - 100 mg/l Mortality
Ethanol LC 50 (Ceriodaphnia dubia, 48 h): 5,012 mg/l Experimental result, Key study
Naphtha (petroleum), hydrotreated light EC 50 (Daphnia magna, 48 h): 4.5 mg/l Experimental result, Key study
2-Propanol, 2-methyl- EC 50 (Water flea (Daphnia magna), 48 h): 4,607 - 6,577 mg/l Intoxication
NOAEL (Daphnia magna, 48 h): 180 mg/l Experimental result, Key study
EC 50 (Daphnia magna, 48 h): 933 mg/l Experimental result, Key study
EC 50 (Daphnia magna, 48 h): 5,504 mg/l Experimental result, Supporting study

**Chronic hazards to the aquatic environment:**

**Fish**

*Product:* No data available.

*Specified substance(s):*

- Benzene, methyl- NOAEL (Oncorhynchus kisutch): 1.39 mg/l Experimental result, Key study
  LOAEL (Oncorhynchus kisutch): 2.77 mg/l Experimental result, Key study
- Benzene, dimethyl- NOAEL (Oncorhynchus mykiss): > 1.3 mg/l Experimental result, Key study
- Carbon black NOAEL (Salmo sp.): 17 mg/l QSAR QSAR, Key study
- Ethanol NOAEL (Oryzias latipes): 7,900 mg/l Read-across from supporting substance (structural analogue or surrogate), Supporting study
- Naphtha (petroleum), hydrotreated light EC 50 (Daphnia magna): 10 mg/l Other, Key study
  NOAEL (Daphnia magna): 2.6 mg/l Other, Key study
- 2-Propanol, 2-methyl- NOAEL (Clarias gariepinus): 332 mg/l Experimental result, Key study

**Aquatic Invertebrates**

*Product:* No data available.

*Specified substance(s):*

- 2-Propanone LOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study
  NOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study
- Benzene, methyl- LOAEL (Ceriodaphnia dubia): 2.76 mg/l Experimental result, Key study
  NOAEL (Ceriodaphnia dubia): 0.74 mg/l Experimental result, Key study
- Benzene, dimethyl- NOAEL (Ceriodaphnia dubia): 1.17 mg/l Read-across from supporting substance (structural analogue or surrogate), Key study
- Carbon black EC 50 (Daphnia sp.): 4.9 mg/l QSAR QSAR, Key study
- Benzene, ethyl- NOAEL (Ceriodaphnia dubia): 1 mg/l Other, Key study
  LOAEL (Ceriodaphnia dubia): 1.7 mg/l Other, Key study
  LC 50 (Ceriodaphnia dubia): 3.6 mg/l Other, Key study
  IC 50 (Ceriodaphnia dubia): 3.3 mg/l Other, Key study
- Ethanol LC 50 (Daphnia magna): 454 mg/l Experimental result, Key study
  NOAEL (Daphnia magna): 9.6 mg/l Experimental result, Key study
Naphtha (petroleum), hydrotreated light  
EC 50 (Daphnia magna): 10 mg/l Experimental result, Key study  
NOAEL (Daphnia magna): 2.6 mg/l Experimental result, Key study

Toxicity to Aquatic Plants  
Product: No data available.

Persistence and Degradability

Biodegradation  
Product: No data available.

Specified substance(s):  
2-Propanone 90.9 % (28 d) Detected in water. Experimental result, Key study  
Benzene, methyl- 100 % (14 d) Detected in water. Experimental result, Weight of Evidence study  
86 % Detected in water. Experimental result, Weight of Evidence study  
Propane 100 % (385.5 h) Detected in water. Experimental result, Key study  
50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study  
Benzene, dimethyl- 87.8 % Detected in water. Read-across from supporting substance (structural analogue or surrogate), Key study  
Benzene, ethyl- 60 % (24 h) Detected in water. Other, Supporting study  
100 % Detected in water. Other, Supporting study  
Ethanol 95 % Detected in water. Experimental result, Key study  
Naphtha (petroleum), hydrotreated light 90.35 % (28 d) Detected in water. Experimental result, Supporting study  
2-Propanol, 2-methyl- 2.6 - 5.1 % (29 d) Detected in water. Experimental result, Key study  
87 % (56 d) Detected in water. Experimental result, Key study  
74 % (56 d) Detected in water. Experimental result, Key study  
99 % (28 d) Detected in water. Experimental result, Supporting study  
66 % (56 d) Detected in water. Experimental result, Key study

BOD/COD Ratio  
Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)  
Product: No data available.

Specified substance(s):  
2-Propanone Haddock, adult, Bioconcentration Factor (BCF): 0.69 Aquatic sediment  
Experimental result, Not specified  
Benzene, methyl- Leuciscus idus, Bioconcentration Factor (BCF): 90 Aquatic sediment  
Experimental result, Key study  
Benzene, dimethyl- Oncorhynchus mykiss, Bioconcentration Factor (BCF): > 7.6 - < 21.6 Aquatic sediment  
Experimental result, Key study  
Benzene, ethyl- Oncorhynchus kisutch, Bioconcentration Factor (BCF): 1 Aquatic sediment  
Other, Key study
Ethanol  Cyprinus carpio, Bioconcentration Factor (BCF): 4.5 Aquatic sediment Read-across from supporting substance (structural analogue or surrogate), Supporting study

Naphtha (petroleum), hydrotreated light  Bioconcentration Factor (BCF): 10 - 2,500 Aquatic sediment Estimated by calculation, Key study

Partition Coefficient n-octanol / water (log Kow)
Product: No data available.

Specified substance(s):
- Benzene, dimethyl-  Log Kow: 2.77 - 3.15 No Not specified, Not specified
- Benzene, ethyl-  Log Kow: 3.13 - 3.14 No Other, Supporting study
- Naphtha (petroleum), hydrotreated light  Log Kow: > 2.4 - < 5.7 23 °C Yes Experimental result, Key study
  Log Kow: 2.2 - 5.2 23 °C Yes Experimental result, Key study
  Log Kow: 2.2 - 6.1 23 °C Yes Experimental result, Key study

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments
- 2-Propanone  No data available.
- Benzene, methyl-  No data available.
- Propane  No data available.
- Carbonic acid calcium salt (1:1)  No data available.
- Benzene, dimethyl-  No data available.
- Carbon black  No data available.
- Benzene, ethyl-  No data available.
- Ethanol  No data available.
- Naphtha (petroleum), hydrotreated light  No data available.
- Quartz (SiO2)  No data available.
- 2-Propanol, 2-methyl-  No data available.

Other adverse effects: Harmful to aquatic organisms.

13. Disposal considerations

Disposal instructions: Discharge, treatment, or disposal may be subject to national, state, or local laws.

Contaminated Packaging: No data available.

14. Transport information

DOT

UN Number: UN 1950
UN Proper Shipping Name: Aerosols, flammable
Transport Hazard Class(es) Class: 2.1
Label(s): –
Packing Group: II
Marine Pollutant: No
Environmental Hazards: No
Marine Pollutant: No

Special precautions for user: Not regulated.

**IMDG**
- **UN Number:** UN 1950
- **UN Proper Shipping Name:** Aerosols, flammable
- **Transport Hazard Class(es):**
  - Class: 2
  - Label(s): –
  - EmS No.: –
- **Packing Group:** –
- **Environmental Hazards:** No
- **Marine Pollutant:** No

Special precautions for user: Not regulated.

**IATA**
- **UN Number:** UN 1950
- **Proper Shipping Name:** Aerosols, flammable
- **Transport Hazard Class(es):**
  - Class: 2.1
  - Label(s): –
- **Packing Group:** –
- **Environmental Hazards:** No
- **Marine Pollutant:** No

Special precautions for user: Not regulated.

### 15. Regulatory information

**US Federal Regulations**
- TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
- US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>OSHA hazard(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (SiO2)</td>
<td>kidney effects</td>
</tr>
<tr>
<td></td>
<td>lung effects</td>
</tr>
<tr>
<td></td>
<td>immune system effects</td>
</tr>
<tr>
<td></td>
<td>Cancer</td>
</tr>
</tbody>
</table>

**CERCLA Hazardous Substance List (40 CFR 302.4):**

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanone</td>
<td>lbs. 5000</td>
</tr>
<tr>
<td>Benzene, methyl-</td>
<td>lbs. 1000</td>
</tr>
<tr>
<td>Propane</td>
<td>lbs. 100</td>
</tr>
<tr>
<td>Benzene, dimethyl-</td>
<td>lbs. 100</td>
</tr>
<tr>
<td>Benzene, ethyl-</td>
<td>lbs. 1000</td>
</tr>
<tr>
<td>Ethanol</td>
<td>lbs. 100</td>
</tr>
<tr>
<td>2-Propanol, 2-methyl-</td>
<td>lbs. 100</td>
</tr>
</tbody>
</table>

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

**Hazard categories**
- Fire Hazard
- Immediate (Acute) Health Hazards
Delayed (Chronic) Health Hazard
Flammable aerosol
Skin Corrosion/Irritation
Serious Eye Damage/Eye Irritation
Carcinogenicity
Toxic to reproduction
Specific Target Organ Toxicity - Single Exposure

**SARA 302 Extremely Hazardous Substance**

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
<th>Threshold Planning Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanone</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SARA 304 Emergency Release Notification**

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanone</td>
<td>lbs. 5000</td>
</tr>
<tr>
<td>Benzene, methyl-</td>
<td>lbs. 1000</td>
</tr>
<tr>
<td>Propane</td>
<td>lbs. 100</td>
</tr>
<tr>
<td>Benzene, dimethyl-</td>
<td>lbs. 100</td>
</tr>
<tr>
<td>Benzene, ethyl-</td>
<td>lbs. 1000</td>
</tr>
<tr>
<td>Ethanol</td>
<td>lbs. 100</td>
</tr>
<tr>
<td>2-Propanol, 2-methyl-</td>
<td>lbs. 100</td>
</tr>
</tbody>
</table>

**SARA 311/312 Hazardous Chemical**

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Threshold Planning Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanone</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Benzene, methyl-</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Propane</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Carbonic acid calcium salt (1:1)</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Benzene, dimethyl-</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Carbon black</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Benzene, ethyl-</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Ethanol</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Naphtha (petroleum), hydrotreated light</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Quartz (SiO2)</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>2-Propanol, 2-methyl-</td>
<td>10000 lbs</td>
</tr>
</tbody>
</table>

**SARA 313 (TRI Reporting)**

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reporting threshold for other users</th>
<th>Reporting threshold for manufacturing and processing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene, methyl-</td>
<td>lbs</td>
<td>lbs.</td>
</tr>
<tr>
<td>Benzene, dimethyl-</td>
<td>lbs</td>
<td>lbs.</td>
</tr>
<tr>
<td>Benzene, ethyl-</td>
<td>lbs</td>
<td>lbs.</td>
</tr>
</tbody>
</table>

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)
US State Regulations

**US. California Proposition 65**
This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

- Benzene, methyl- Developmental toxin. 03 2008
- Carbon black Carcinogenic. 05 2011
- Benzene, ethyl- Carcinogenic. 05 2011
- Quartz (SiO2) Carcinogenic. 05 2011
US. New Jersey Worker and Community Right-to-Know Act

Chemical Identity
- 2-Propanone
- Benzene, methyl-
- Propane
- Carbonic acid calcium salt (1:1)
- Benzene, dimethyl-
- Carbon black
- Benzene, ethyl-
- Ethanol
- Quartz (SiO2)

US. Massachusetts RTK - Substance List

Chemical Identity
- Quartz (SiO2)

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity
- 2-Propanone
- Benzene, methyl-
- Propane
- Carbonic acid calcium salt (1:1)
- Benzene, dimethyl-
- Carbon black

US. Rhode Island RTK
- No ingredient regulated by RI Right-to-Know Law present.

International regulations

Montreal protocol
- 2-Propanone

Stockholm convention
- 2-Propanone

Rotterdam convention
- 2-Propanone

Kyoto protocol
Inventory Status:
Australia AICS: On or in compliance with the inventory
Canada DSL Inventory List: On or in compliance with the inventory
EINECS, ELINCS or NLP: Not in compliance with the inventory.
Japan (ENCS) List: Not in compliance with the inventory.
China Inv. Existing Chemical Substances: Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI): Not in compliance with the inventory.
Canada NDSL Inventory: Not in compliance with the inventory.
Philippines PICCS: On or in compliance with the inventory
US TSCA Inventory: On or in compliance with the inventory
New Zealand Inventory of Chemicals: On or in compliance with the inventory
Japan ISHL Listing: Not in compliance with the inventory.
Japan Pharmacopoeia Listing: Not in compliance with the inventory.
Mexico INSQ: On or in compliance with the inventory
Ontario Inventory: On or in compliance with the inventory
Taiwan Chemical Substance Inventory: On or in compliance with the inventory

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

Issue Date: 06/04/2019
Revision Information: No data available.
Version #: 10.0
Further Information: No data available.
Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.