SAFETY DATA SHEET

1. Identification

Product Identifier  #1756 SM ARNOLD MEDIUM BLUE  65-503

Other means of identification

Product Code  06094 711327 604

Recommended use  Not available.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name  Quest Industrial Products, LLC.
Address  N92 W14701 Anthony Avenue
Menomonee Falls, WI 53051
United States

Telephone  Phone  (262) 255-9500
Website  quest-ip.com
E-mail  info@quest-ip.com
Emergency phone number  Chemtrec Phone  800-424-9300

2. Hazard(s) Identification

Physical hazards  Flammable aerosols  Category 1
Gases under pressure  Liquefied gas

Health hazards  Skin corrosion/irritation  Category 2
Serious eye damage/eye irritation  Category 2A
Carcinogenicity  Category 2
Reproductive toxicity  Category 1
Specific target organ toxicity, single exposure  Category 3 narcotic effects
Specific target organ toxicity, repeated exposure  Category 2

Environmental hazards  Hazardous to the aquatic environment, acute hazard  Category 2
Hazardous to the aquatic environment, long-term hazard  Category 3

OSHA defined hazards  Not classified.

Label elements

Signal word  Danger

Hazard statement  Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary statement  Prevention  Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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 breathe mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
Response
If on skin: Wash with plenty of water. 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 exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

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

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations. None known.

Hazard(s) not otherwise classified (HNOC)

Supplemental information
42.62% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 42.62% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td></td>
<td>67-64-1</td>
<td>40 to &lt;50</td>
</tr>
<tr>
<td>N-BUTANE</td>
<td></td>
<td>106-97-8</td>
<td>10 to &lt;20</td>
</tr>
<tr>
<td>PROPANE</td>
<td></td>
<td>74-98-6</td>
<td>10 to &lt;20</td>
</tr>
<tr>
<td>TOLUENE</td>
<td></td>
<td>108-88-3</td>
<td>10 to &lt;20</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE</td>
<td></td>
<td>78-93-3</td>
<td>1 to &lt;5</td>
</tr>
<tr>
<td>PROPYLENE GLYCOL METHYL ETHER ACETATE</td>
<td></td>
<td>108-65-6</td>
<td>1 to &lt;5</td>
</tr>
<tr>
<td>1-METHYL-2-PYRROLIDONE</td>
<td></td>
<td>87-50-4</td>
<td>0.1 to &lt;1</td>
</tr>
<tr>
<td>BUTYL BENZYL PHTHALATE</td>
<td></td>
<td>85-58-7</td>
<td>0.1 to &lt;1</td>
</tr>
<tr>
<td>CARBON BLACK</td>
<td></td>
<td>1333-86-4</td>
<td>0.1 to &lt;1</td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td></td>
<td>100-41-4</td>
<td>0.1 to &lt;1</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td></td>
<td>13483-67-7</td>
<td>0.1 to &lt;1</td>
</tr>
<tr>
<td>Other components below reportable levels</td>
<td></td>
<td></td>
<td>5 to &lt;10</td>
</tr>
</tbody>
</table>

*Designates that a 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
No adverse effects due to skin contact are expected. 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. No specific first aid measures noted.

Ingestion
Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

Most important symptoms/effects, acute and delayed
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. Prolonged exposure may cause chronic effects.

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
If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
5. Fire-fighting measures

Suitable extinguishing media
Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).

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 explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters
Firefighters must use standard protective equipment including fire 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. Do not move cargo or vehicle if cargo has been exposed to heat. 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.

Specific methods
Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

General fire hazards
Extremely flammable aerosol. Contents under pressure. Pressurized container may explode 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. 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. Do not breathe 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. 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
Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. 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. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: 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. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

7. Handling and storage

Precautions for safe handling
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. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities
Level 3 Aerosol.
Store locked up. 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. Secure cylinders in an upright position at all times, close all valves when not in use. 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>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE (CAS 67-64-1)</td>
<td>PEL</td>
<td></td>
<td>2400 mg/m³</td>
<td></td>
</tr>
<tr>
<td>CARBON BLACK (CAS 1333-86-4)</td>
<td>PEL</td>
<td></td>
<td>3.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>ETHYL BENZENE (CAS 100-41-4)</td>
<td>PEL</td>
<td></td>
<td>435 mg/m³</td>
<td></td>
</tr>
<tr>
<td>METHYL ETHYL KETONE (CAS 78-93-3)</td>
<td>PEL</td>
<td></td>
<td>100 ppm</td>
<td></td>
</tr>
<tr>
<td>PROPAINE (CAS 74-98-6)</td>
<td>PEL</td>
<td></td>
<td>260 ppm</td>
<td></td>
</tr>
<tr>
<td>TITANIUM DIOXIDE (CAS 13463-67-7)</td>
<td>PEL</td>
<td></td>
<td>15 mg/m³</td>
<td>Total dust</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. OSHA Table Z-2 (29 CFR 1910.1000)</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE (CAS 108-88-3)</td>
<td>Ceiling</td>
<td></td>
<td>300 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td></td>
<td>200 ppm</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE (CAS 67-64-1)</td>
<td>STEL</td>
<td>750 ppm</td>
<td></td>
</tr>
<tr>
<td>CARBON BLACK (CAS 1333-86-4)</td>
<td>TWA</td>
<td>500 ppm</td>
<td></td>
</tr>
<tr>
<td>ETHYL BENZENE (CAS 100-41-4)</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE (CAS 78-93-3)</td>
<td>TWA</td>
<td>20 ppm</td>
<td></td>
</tr>
<tr>
<td>N-BUTANE (CAS 106-97-8)</td>
<td>STEL</td>
<td>300 ppm</td>
<td></td>
</tr>
<tr>
<td>TITANIUM DIOXIDE (CAS 13463-67-7)</td>
<td>TWA</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>TOLUENE (CAS 108-88-3)</td>
<td>TWA</td>
<td>300 ppm</td>
<td></td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<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>CARBON BLACK (CAS 1333-86-4)</td>
<td>TWA</td>
<td>250 ppm</td>
</tr>
<tr>
<td>ETHYL BENZENE (CAS 100-41-4)</td>
<td>STEL</td>
<td>0.1 mg/m³</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE (CAS 78-93-3)</td>
<td>TWA</td>
<td>545 mg/m³</td>
</tr>
<tr>
<td>N-BUTANE (CAS 106-97-8)</td>
<td>TWA</td>
<td>125 ppm</td>
</tr>
<tr>
<td>PROPAINE (CAS 74-98-6)</td>
<td>TWA</td>
<td>435 mg/m³</td>
</tr>
<tr>
<td>TOLUENE (CAS 108-88-3)</td>
<td>STEL</td>
<td>100 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>300 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>560 mg/m³</td>
</tr>
<tr>
<td></td>
<td>150 ppm</td>
<td></td>
</tr>
</tbody>
</table>
## US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TWA</td>
<td>375 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

## US. Workplace Environmental Exposure Level (WEEL) Guides

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-METHYL-2-PYRROLIDONE NE (CAS 872-50-4)</td>
<td>TWA</td>
<td>40 mg/m³</td>
</tr>
<tr>
<td>PROPYLENE GLYCOL METHYL ETHER ACETATE (CAS 108-65-6)</td>
<td>TWA</td>
<td>10 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50 ppm</td>
</tr>
</tbody>
</table>

### Biological limit values

<table>
<thead>
<tr>
<th>ACGIH Biological Exposure Indices</th>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1-METHYL-2-PYRROLIDONE 100 mg/l NE (CAS 872-50-4)</td>
<td>5-Hydroxy-N-methyl-2-pyrollidone</td>
<td>Urine</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACETONE (CAS 67-64-1) 50 mg/l</td>
<td>Acetone</td>
<td>Urine</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ETHYL BENZENE (CAS 100-41-4) 0.15 g/l</td>
<td>Sum of mandelic acid and phenylglyoxylic acid</td>
<td>Creatinine in urine</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>METHYL ETHYL KETONE 2 mg/l (CAS 78-93-3)</td>
<td>MEK</td>
<td>Urine</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TOLUENE (CAS 108-88-3) 0.3 mg/g</td>
<td>o-Cresol, with hydrolysis</td>
<td>Creatinine in urine</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.03 mg/l</td>
<td>Toluene</td>
<td>Urine</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.02 mg/l</td>
<td>Toluene</td>
<td>Blood</td>
<td>*</td>
<td></td>
</tr>
</tbody>
</table>

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

## Exposure guidelines

**US - California OELs: Skin designation**
- PROPYLENE GLYCOL METHYL ETHER ACETATE (CAS 108-65-6)
  - Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**
- TOLUENE (CAS 108-88-3)
  - Skin designation applies.

**US WEEL Guides: Skin designation**
- 1-METHYL-2-PYRROLIDONE (CAS 872-50-4)
  - Can be absorbed through the skin.

### 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 appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

- **Other**
  - Wear appropriate chemical resistant clothing.

#### Respiratory protection
- In case of insufficient ventilation, wear suitable respiratory equipment.

#### 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. Liquefied gas.
Color         Not available.
Odor            Not available.
Odor threshold Not available.
pH                Not available.

Melting point/freezing point  -305.68 °F (-187.6 °C) estimated
Initial boiling point and boiling range  -43.78 °F (-42.1 °C) estimated
Flash point   -156.0 °F (-104.4 °C) estimated
Evaporation rate  Not available.
Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)  1.3 % estimated
Flammability limit - upper (%)  12.8 % estimated
Explosive limit - lower (%) Not available.
Explosive limit - upper (%) Not available.

Vapor pressure 2275.24 hPa estimated
Vapor density Not available.
Relative density Not available.

Solubility(ies)

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

Auto-ignition temperature 550 °F (287.78 °C) estimated
Decomposition temperature Not available.
Viscosity Not available.

Other information

Density 6.05 lbs/gal
Flammability class Flammable IA estimated
Heat of combustion (NFPA 30B) 30.3 kJ/g estimated
Percent volatile 91.45
Specific gravity 0.73
VOC 4.851945 lbs/gal Regulatory
     353.19532 g/l Material
     2.9475578 lbs/gal Material
     581.391233 g/l Regulatory

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. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Hazardous decomposition products No hazardous decomposition products are known.
11. Toxicological Information

Information on likely routes of exposure

**Inhalation**
May cause damage to organs through prolonged or repeated exposure by 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**
Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics
Headache. May cause drowsiness and dizziness. 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**
Narcotic effects.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1-METHYL-2-PYRROLIDONE (CAS 872-50-4)</strong></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>8000 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>5130 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>3914 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4.2 ml/kg</td>
</tr>
<tr>
<td><strong>ACETONE (CAS 67-64-1)</strong></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; 15800 mg/kg</td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>76 mg/l, 4 Hours</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>3000 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>5800 mg/kg</td>
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<tr>
<td><strong>BUTYL BENZYL PHTHALATE (CAS 85-68-7)</strong></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>Mouse</td>
<td>6700 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>6700 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>13500 mg/kg</td>
</tr>
<tr>
<td><strong>CARBON BLACK (CAS 1333-86-4)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 8000 mg/kg</td>
</tr>
<tr>
<td><strong>ETHYLBENZENE (CAS 100-41-4)</strong></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>17800 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>3500 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>METHYL ETHYL KETONE (CAS 78-93-3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>&gt; 8000 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Mouse</td>
<td>11000 ppm, 45 Minutes</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>11700 ppm, 4 Hours</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>670 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>2300 - 3500 mg/kg</td>
</tr>
<tr>
<td>N-BUTANE (CAS 106-97-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Mouse</td>
<td>680 mg/l, 2 Hours</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>658 mg/l, 4 Hours</td>
</tr>
<tr>
<td>PROPANE (CAS 74-98-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>&gt; 1442.847 mg/l, 15 Minutes</td>
</tr>
<tr>
<td>TOLUENE (CAS 108-88-3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>12124 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td></td>
<td>14.1 ml/kg</td>
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<tr>
<td>Inhalation</td>
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<tr>
<td>LC50</td>
<td>Mouse</td>
<td>5320 ppm, 8 Hours</td>
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<tr>
<td></td>
<td>Rat</td>
<td>400 ppm, 24 Hours</td>
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<tr>
<td></td>
<td></td>
<td>26700 ppm, 1 Hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12200 ppm, 2 Hours</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>8000 ppm, 4 Hours</td>
</tr>
<tr>
<td>LD50</td>
<td></td>
<td>2.6 g/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 or skin sensitization**
Not a respiratory sensitizer.

**Respiratory sensitization**
This product is not expected to cause skin sensitization.

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

**Germ cell mutagenicity**
Suspected of causing cancer.

**Carcinogenicity**

**IARC Monographs. Overall Evaluation of Carcinogenicity**
- BUTYL BENZYL PHTHALATE (CAS 85-68-7) 3 Not classifiable as to carcinogenicity to humans.
- CARBON BLACK (CAS 1333-86-4) 2B Possibly carcinogenic to humans.
- ETHYLBENZENE (CAS 100-41-4) 2B Possibly carcinogenic to humans.
- TITANIUM DIOXIDE (CAS 13463-67-7) 2B Possibly carcinogenic to humans.
- TOLUENE (CAS 108-88-3) 3 Not classifiable as to carcinogenicity to humans.

Not listed.
Reproductive toxicity  May damage fertility or the unborn child.
Specific target organ toxicity - single exposure  May cause drowsiness and dizziness.
Specific target organ toxicity - repeated exposure  May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard  Not an aspiration hazard.
Chronic effects  May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity  Toxic to aquatic life. Harmful 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></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea EC50</td>
<td>Water flea (Daphnia magna)</td>
<td>21.6 - 23.9 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish LC50</td>
<td>Rainbow trout, donaldson trout</td>
<td>4740 - 6330 mg/l, 96 hours</td>
</tr>
<tr>
<td></td>
<td>(Oncorhynchus mykiss)</td>
<td></td>
</tr>
<tr>
<td>BUTYL BENZYL PHTHALATE (CAS 85-68-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea EC50</td>
<td>Water flea (Daphnia magna)</td>
<td>&gt; 0.96 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish LC50</td>
<td>Shiner perch (Cymatogaster aggregata)</td>
<td>0.47 - 0.56 mg/l, 96 hours</td>
</tr>
<tr>
<td>ETHYL BENZENE (CAS 100-41-4)</td>
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</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea EC50</td>
<td>Water flea (Daphnia magna)</td>
<td>1.37 - 4.4 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
<td>7.5 - 11 mg/l, 96 hours</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE (CAS 78-93-3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea EC50</td>
<td>Water flea (Daphnia magna)</td>
<td>4025 - 6440 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish LC50</td>
<td>Sheephead minnow (Cyprinodon variegatus)</td>
<td>&gt; 400 mg/l, 96 hours</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE (CAS 13463-67-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea EC50</td>
<td>Water flea (Daphnia magna)</td>
<td>&gt; 1000 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish LC50</td>
<td>Mummichog (Fundulus heteroclitus)</td>
<td>&gt; 1000 mg/l, 96 hours</td>
</tr>
<tr>
<td>TOLUENE (CAS 108-88-3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea EC50</td>
<td>Water flea (Daphnia magna)</td>
<td>5.46 - 9.83 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish LC50</td>
<td>Coho salmon, silver salmon</td>
<td>8.11 mg/l, 96 hours</td>
</tr>
<tr>
<td></td>
<td>(Oncorhynchus kisutch)</td>
<td></td>
</tr>
</tbody>
</table>

* 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  
Partition coefficient n-octanol / water (log Kow)  
1-METHYL-2-PYRROLIDONE  -0.54  
ACETONE  -0.24  
BUTYL BENZYL PHTHALATE  4.91  
ETHYL BENZENE  3.15  
METHYL ETHYL KETONE  0.29  
N-BUTANE  2.89  
PROPANE  2.36  
TOLUENE  2.73  

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 instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. 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/international regulations.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

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

14. Transport information

DOT

UN number

UN1950

UN proper shipping name

Aerosols, flammable, 2.1

Transport hazard class(es)

Class

Not available.

Subsidiary risk

-

Packing group

Not applicable.

Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

IATA

UN number

UN1950

UN proper shipping name

Aerosols, flammable, 2.1

Transport hazard class(es)

Class

Not available.

Subsidiary risk

-

Packing group

Not applicable.

Environmental hazards

No.

Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo aircraft

Forbidden.

Cargo aircraft only

Forbidden.

IMDG

UN number

UN1950

UN proper shipping name

Aerosols, flammable, 2.1

Transport hazard class(es)

Class

Not available.

Subsidiary risk

-

Packing group

Not applicable.

Environmental hazards

No.

Marine pollutant

Not available.

EmS

Not available.

Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not established.

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

TSCA Chemical Action Plans, Chemicals of Concern
BUTYL BENZYL PHTHALATE (CAS 85-68-7) Phthalates Action Plan

CERCLA Hazardous Substance List (40 CFR 302.4)
ACETONE (CAS 67-64-1) Listed.
BUTYL BENZYL PHTHALATE (CAS 85-68-7) Listed.
ETHYLBENZENE (CAS 100-41-4) Listed.
METHYL ETHYL KETONE (CAS 78-93-3) Listed.
N-BUTANE (CAS 106-97-8) Listed.
PROPANE (CAS 74-98-6) Listed.
TOLUENE (CAS 108-88-3) Listed.

SARA 304 Emergency release notification
Not regulated.

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

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

SARA 302 Extremely hazardous substance
Not listed.
SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>% by wt.</th>
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</thead>
<tbody>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>10 to &lt;20</td>
</tr>
<tr>
<td>1-METHYL-2-PYRROLIDONE</td>
<td>872-50-4</td>
<td>0.1 to &lt;1</td>
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<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>0.1 to &lt;1</td>
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</tbody>
</table>

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
ETHYLBENZENE (CAS 100-41-4)
TOLUENE (CAS 108-88-3)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)

Safe Drinking Water Act (SDWA)
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
METHYL ETHYL KETONE (CAS 78-93-3) 6714
TOLUENE (CAS 108-88-3) 6594

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
ACETONE (CAS 67-64-1) 35 %WW
METHYL ETHYL KETONE (CAS 78-93-3) 35 %WW
TOLUENE (CAS 108-88-3) 35 %WW

DEA Exempt Chemical Mixtures Code Number
ACETONE (CAS 67-64-1) 6532
METHYL ETHYL KETONE (CAS 78-93-3) 6714
TOLUENE (CAS 108-88-3) 594

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)
Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))
1-METHYL-2-PYRROLIDONE (CAS 872-50-4)
ACETONE (CAS 67-64-1)
BUTYL BENZYL PHTHALATE (CAS 85-68-7)
CARBON BLACK (CAS 1333-86-4)
ETHYLBENZENE (CAS 100-41-4)
 METHYL ETHYL KETONE (CAS 78-93-3)
N-BUTANE (CAS 106-97-8)
TITANIUM DIOXIDE (CAS 13463-67-7)
TOLUENE (CAS 108-88-3)

US. Massachusetts RTK - Substance List
1-METHYL-2-PYRROLIDONE (CAS 872-50-4)
ACETONE (CAS 67-64-1)
BUTYL BENZYL PHTHALATE (CAS 85-68-7)
CARBON BLACK (CAS 1333-86-4)
ETHYLBENZENE (CAS 100-41-4)
 METHYL ETHYL KETONE (CAS 78-93-3)
N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)
TITANIUM DIOXIDE (CAS 13463-67-7)
TOLUENE (CAS 108-88-3)

US. New Jersey Worker and Community Right-to-Know Act
1-METHYL-2-PYRROLIDONE (CAS 872-50-4)
ACETONE (CAS 67-64-1)
BUTYL BENZYL PHTHALATE (CAS 85-68-7)
CARBON BLACK (CAS 1333-86-4)
ETHYLBENZENE (CAS 100-41-4)
 METHYL ETHYL KETONE (CAS 78-93-3)
N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)
TITANIUM DIOXIDE (CAS 13463-67-7)
TOLUENE (CAS 108-88-3)

US. Pennsylvania Worker and Community Right-to-Know Law
1-METHYL-2-PYRROLIDONE (CAS 872-50-4)
ACETONE (CAS 67-64-1)
BUTYL BENZYL PHTHALATE (CAS 85-68-7)
CARBON BLACK (CAS 1333-86-4)
ETHYLBENZENE (CAS 100-41-4)
 METHYL ETHYL KETONE (CAS 78-93-3)
N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)
TITANIUM DIOXIDE (CAS 13463-67-7)
TOLUENE (CAS 108-88-3)

US. Rhode Island RTK
1-METHYL-2-PYRROLIDONE (CAS 872-50-4)
ACETONE (CAS 67-64-1)
BUTYL BENZYL PHTHALATE (CAS 85-68-7)
ETHYLBENZENE (CAS 100-41-4)
 METHYL ETHYL KETONE (CAS 78-93-3)
N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)
TOLUENE (CAS 108-88-3)

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
CARBON BLACK (CAS 1333-86-4) Listed: February 21, 2003
ETHYL ALCOHOL (CAS 64-17-5) Listed: April 29, 2011
ETHYLBENZENE (CAS 100-41-4) Listed: July 1, 1988
SILICA, CRYSTALLINE QUARTZ (CAS 14808-60-7) Listed: June 11, 2004
TITANIUM DIOXIDE (CAS 13463-67-7) Listed: October 1, 1988

US - California Proposition 65 - CRT: Listed date/Developmental toxin
1-METHYL-2-PYRROLIDONE (CAS 872-50-4) Listed: September 2, 2011
BUTYL BENZYL PHTHALATE (CAS 85-68-7) Listed: December 2, 2005
16. Other information, including date of preparation or last revision

Issue date: 07-08-2015
Version #: 01

HMIS® ratings
- Health: 2*
- Flammability: 4
- Physical hazard: 0

NFPA ratings
- Health: 2
- Flammability: 4
- Instability: 0

Disclaimer
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