1. Identification

Product identifier  
11oz PLASTI DIP SPRAY BLACK - WS

Other means of identification

Product Code  
05242 108258 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 2

Gases under pressure  
Liquefied gas

Health hazards  
Acute toxicity, oral  
Category 4

Skin corrosion/irritation  
Category 2

Serious eye damage/eye irritation  
Category 2A

Sensitization, skin  
Category 1

Carcinogenicity  
Category 2

Reproductive toxicity  
Category 2

Specific target organ toxicity, single exposure  
Category 3 narcotic effects

Specific target organ toxicity, repeated exposure  
Category 1

Environmental hazards  
Hazardous to the aquatic environment, acute hazard  
Category 2

Hazardous to the aquatic environment, long-term hazard  
Category 2

OSHA defined hazards  
Not classified.

Label elements

Signal word  
Danger

Hazard statement  
Flammable aerosol. Contains gas under pressure; may explode if heated. Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life. Toxic 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. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response

If swallowed: Call a poison center/doctor if you feel unwell. 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. Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage.

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.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

84.72% of the mixture consists of component(s) of unknown acute oral toxicity. 77.91% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 77.71% 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>ALIPHATIC PETROLEUM DISTILLATES</td>
<td></td>
<td>64742-89-8</td>
<td>20 to &lt;30</td>
</tr>
<tr>
<td>PROPANE</td>
<td></td>
<td>74-98-6</td>
<td>20 to &lt;30</td>
</tr>
<tr>
<td>HEPTANE</td>
<td></td>
<td>142-82-5</td>
<td>10 to &lt;20</td>
</tr>
<tr>
<td>Mixed Xylenes, Ethyl Benzene</td>
<td></td>
<td>1330-20-7</td>
<td>5 to &lt;10</td>
</tr>
<tr>
<td>N-BUTANE</td>
<td></td>
<td>106-97-8</td>
<td>5 to &lt;10</td>
</tr>
<tr>
<td>ETHYL BENZENE</td>
<td></td>
<td>100-41-4</td>
<td>1 to &lt;5</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE</td>
<td></td>
<td>78-93-3</td>
<td>1 to &lt;5</td>
</tr>
<tr>
<td>METHYL N-AMYL KETONE</td>
<td></td>
<td>110-43-0</td>
<td>1 to &lt;5</td>
</tr>
<tr>
<td>MINERAL SPIRITS</td>
<td></td>
<td>8052-41-3</td>
<td>1 to &lt;5</td>
</tr>
<tr>
<td>Bis (1,2,2,6,6-pentamethyl-4-piperidyl)s ebacate</td>
<td></td>
<td>41556-26-7</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>Other components below reportable levels</td>
<td></td>
<td>10 to &lt;20</td>
<td></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 immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. 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. Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.
Most important symptoms/effects, acute and delayed

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. Wash contaminated clothing before reuse.

5. Fire-fighting measures
Suitable extinguishing media
Water fog. Foam. 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 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. 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
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. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. 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. 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. Do not taste or swallow. When using, do not eat, drink or smoke. 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. Wash hands thoroughly after handling. 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

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black (CAS 1333-86-4)</td>
<td>PEL</td>
<td>3.5 mg/m3</td>
</tr>
<tr>
<td>ETHYLBENZENE (CAS 100-41-4)</td>
<td>PEL</td>
<td>435 mg/m3</td>
</tr>
<tr>
<td>HEPTANE (CAS 142-82-5)</td>
<td>PEL</td>
<td>100 ppm</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE (CAS 78-93-3)</td>
<td>PEL</td>
<td>2000 mg/m3</td>
</tr>
<tr>
<td>METHYL N-AMYL KETONE (CAS 110-43-0)</td>
<td>PEL</td>
<td>590 mg/m3</td>
</tr>
<tr>
<td>MINERAL SPIRITS (CAS 8052-41-3)</td>
<td>PEL</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Mixed Xylenes, Ethyl Benzene (CAS 1330-20-7)</td>
<td>PEL</td>
<td>465 mg/m3</td>
</tr>
<tr>
<td>PROPANE (CAS 74-98-6)</td>
<td>PEL</td>
<td>100 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>Carbon Black (CAS 1333-86-4)</td>
<td>TWA</td>
<td>3 mg/m3</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>ETHYLBENZENE (CAS 100-41-4)</td>
<td>TWA</td>
<td>20 ppm</td>
<td></td>
</tr>
<tr>
<td>HEPTANE (CAS 142-82-5)</td>
<td>STEL</td>
<td>500 ppm</td>
<td></td>
</tr>
<tr>
<td>METHYL ETHYL KETONE (CAS 78-93-3)</td>
<td>TWA</td>
<td>400 ppm</td>
<td></td>
</tr>
<tr>
<td>METHYL N-AMYL KETONE (CAS 110-43-0)</td>
<td>TWA</td>
<td>300 ppm</td>
<td></td>
</tr>
<tr>
<td>MINERAL SPIRITS (CAS 8052-41-3)</td>
<td>TWA</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>Mixed Xylenes, Ethyl Benzene (CAS 1330-20-7)</td>
<td>STEL</td>
<td>50 ppm</td>
<td></td>
</tr>
<tr>
<td>PROPANE (CAS 74-98-6)</td>
<td>TWA</td>
<td>100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>150 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Material name: 11oz PLASTI DIP SPRAY BLACK - WS
Version #: 03
Revision date: 07-21-2015
Issue date: 07-15-2015

SDS US
05242 108258 604
### US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-BUTANE (CAS 106-97-8)</td>
<td>TWA</td>
<td>100 ppm</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>1000 ppm</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>Carbon Black (CAS 1333-86-4)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
</tr>
<tr>
<td>ETHYLBENZENE (CAS 100-41-4)</td>
<td>STEL</td>
<td>545 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>125 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>435 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 ppm</td>
</tr>
<tr>
<td>HEPTANE (CAS 142-82-5)</td>
<td>Ceiling</td>
<td>1800 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>440 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>350 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>85 ppm</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE (CAS 78-93-3)</td>
<td>STEL</td>
<td>885 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>300 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>590 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>200 ppm</td>
</tr>
<tr>
<td>METHYL N-AMYL KETONE (CAS 110-43-0)</td>
<td>TWA</td>
<td>465 mg/m³</td>
</tr>
<tr>
<td>MINERAL SPIRITS (CAS 8052-41-3)</td>
<td>Ceiling</td>
<td>100 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1800 mg/m³</td>
</tr>
<tr>
<td>N-BUTANE (CAS 106-97-8)</td>
<td>TWA</td>
<td>350 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>1900 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>800 ppm</td>
</tr>
<tr>
<td>PROPAINE (CAS 74-98-6)</td>
<td>TWA</td>
<td>1800 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

### Biological limit values

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHYLBENZENE (CAS 100-41-4)</td>
<td>0.15 g/g</td>
<td>Sum of mandelic acid and phenylglyoxylic acid</td>
<td>Creatinine in urine</td>
<td>*</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE (CAS 78-93-3)</td>
<td>2 mg/l</td>
<td>MEK</td>
<td>Urine</td>
<td>*</td>
</tr>
<tr>
<td>Mixed Xylenes, Ethyl Benzene (CAS 1330-20-7)</td>
<td>1.5 g/g</td>
<td>Methylhippuric acids</td>
<td>Creatinine in urine</td>
<td>*</td>
</tr>
</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 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

If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.
When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

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 (%): 1.9 % estimated
- Flammability limit - upper (%): 9.5 % estimated
- Explosive limit - lower (%): Not available.
- Explosive limit - upper (%): Not available.

Vapor pressure: 4920.11 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: 5.59 lbs/gal
- Flammability class: Flammable IA estimated
- Heat of combustion (NFPA 30B): 35.84 kJ/g estimated
- Percent volatile: 88.67
- Specific gravity: 0.67
- VOC: 4.9606133 lbs/gal Material

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: Hazardous polymerization does not occur.

Conditions to avoid: Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
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. May cause an allergic skin reaction.

Eye contact
Causes serious eye irritation.

Ingestion
Harmful if swallowed.

Symptoms related to the
physical, chemical and
toxicological characteristics

Information on toxicological effects

Acute toxicity
Harmful if swallowed. Narcotic effects. May cause an allergic skin reaction.

Components | Species | Test Results
--- | --- | ---
Carbon Black (CAS 1333-86-4) | Acute Oral LD50 | Rat > 8000 mg/kg

ETHYLBENZENE (CAS 100-41-4) | Acute Dermal LD50 | Rabbit 17800 mg/kg
Oral LD50 | Rat 3500 mg/kg

HEPTANE (CAS 142-82-5) | Acute Inhalation LC50 | Rat 103 mg/l, 4 Hours
LD50 | Mouse 75 mg/l, 2 Hours

METHYL ETHYL KETONE (CAS 78-93-3) | Acute Dermal LD50 | Rabbit > 8000 mg/kg

METHYL N-AMYK KETONE (CAS 110-43-0) | Acute Dermal LD50 | Rabbit 12600 mg/kg
Oral LD50 | Mouse 730 mg/kg
Rat 1.67 g/kg
<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixed Xylenes, Ethyl Benzene (CAS 1330-20-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>&gt; 43 g/kg</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>3907 mg/l, 6 Hours</td>
</tr>
<tr>
<td>Rat</td>
<td></td>
<td>6350 mg/l, 4 Hours</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>1590 mg/kg</td>
</tr>
<tr>
<td>Rat</td>
<td></td>
<td>3523 - 8600 mg/kg</td>
</tr>
<tr>
<td>N-BUTANE (CAS 106-97-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Mouse</td>
<td>680 mg/l, 2 Hours</td>
</tr>
<tr>
<td>Rat</td>
<td></td>
<td>658 mg/l, 4 Hours</td>
</tr>
<tr>
<td>PROPANE (CAS 74-98-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>&gt; 1442.847 mg/l, 15 Minutes</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**

**Respiratory sensitization**

Not a respiratory sensitizer.

**Skin sensitization**

May cause an allergic skin reaction.

**Germ cell mutagenicity**

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

**Carcinogenicity**

IARC Monographs. Overall Evaluation of Carcinogenicity

- Carbon Black (CAS 1333-86-4) 2B Possibly carcinogenic to humans.
- ETHYLBENZENE (CAS 100-41-4) 2B Possibly carcinogenic to humans.
- MINERAL SPIRITS (CAS 8052-41-3) 3 Not classifiable as to carcinogenicity to humans.
- Mixed Xylenes, Ethyl Benzene (CAS 1330-20-7) 3 Not classifiable as to carcinogenicity to humans.


Not listed.

**Reproductive toxicity**

Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Suspected of damaging fertility or the unborn child.

**Specific target organ toxicity - single exposure**

May cause drowsiness and dizziness.

**Specific target organ toxicity - repeated exposure**

Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard**

Not an aspiration hazard.

**Chronic effects**

Causes 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 with long lasting effects.
<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHYLBENZENE (CAS 100-41-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Water flea (Daphnia magna)</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
</tr>
<tr>
<td>HEPTANE (CAS 142-82-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Mozambique tilapia (Tilapia mossambica)</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE (CAS 78-93-3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Water flea (Daphnia magna)</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Sheepshead minnow (Cyprinodon variegatus)</td>
</tr>
<tr>
<td>METHYL N-AMYL KETONE (CAS 110-43-0)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
</tr>
<tr>
<td>Mixed Xylenes, Ethyl Benzene (CAS 1330-20-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Bluegill (Lepomis macrochirus)</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**

<table>
<thead>
<tr>
<th>Partition coefficient n-octanol / water (log Kow)</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHYLBENZENE</td>
<td>3.15</td>
</tr>
<tr>
<td>HEPTANE</td>
<td>4.66</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE</td>
<td>0.29</td>
</tr>
<tr>
<td>METHYL N-AMYL KETONE</td>
<td>1.98</td>
</tr>
<tr>
<td>MINERAL SPIRITS</td>
<td>3.16 - 7.15</td>
</tr>
<tr>
<td>Mixed Xylenes, Ethyl Benzene</td>
<td>3.12 - 3.2</td>
</tr>
<tr>
<td>N-BUTANE</td>
<td>2.89</td>
</tr>
<tr>
<td>PROPANE</td>
<td>2.36</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td>Aerosols, flammable</td>
</tr>
</tbody>
</table>
2.1 Class
Transport hazard class(es)
Class 2.1
Subsidiary risk ORM-D
Packing group Not applicable.
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Special provisions N82
Packaging exceptions 173.306

IATA
UN number UN1950
UN proper shipping name Aerosols, flammable
Transport hazard class(es)
Class 2.1
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 Allowed.
Cargo aircraft only Allowed.

IMDG
UN number UN1950
UN proper shipping name Aerosols, flammable
Transport hazard class(es)
Class 2.1
Subsidiary risk -
Packing group Not applicable.
Environmental hazards
Marine pollutant No (Limited Quantity)
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
IATA; IMDG

General information DOT Regulated Marine Pollutant. IMDG Regulated Marine Pollutant.

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.

CERCLA Hazardous Substance List (40 CFR 302.4)
ETHYLBENZENE (CAS 100-41-4) Listed.
HEPTANE (CAS 142-82-5) Listed.
METHYL ETHYL KETONE (CAS 78-93-3) Listed.
Mixed Xylenes, Ethyl Benzene (CAS 1330-20-7) Listed.
N-BUTANE (CAS 106-97-8) Listed.
PROPANE (CAS 74-98-6) 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)

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediate Hazard - Yes</td>
<td></td>
</tr>
<tr>
<td>Delayed Hazard - Yes</td>
<td></td>
</tr>
<tr>
<td>Fire Hazard - Yes</td>
<td></td>
</tr>
<tr>
<td>Pressure Hazard - No</td>
<td></td>
</tr>
<tr>
<td>Reactivity Hazard - No</td>
<td></td>
</tr>
</tbody>
</table>

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>
</tr>
</thead>
<tbody>
<tr>
<td>Mixed Xylenes, Ethyl Benzene</td>
<td>1330-20-7</td>
<td>5 to &lt;10</td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>1 to &lt;5</td>
</tr>
</tbody>
</table>

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
- ETHYLBENZENE (CAS 100-41-4)
- Mixed Xylenes, Ethyl Benzene (CAS 1330-20-7)

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
- METHYL ETHYL KETONE (CAS 78-93-3) 6714

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
- METHYL ETHYL KETONE (CAS 78-93-3) 35 %WV

DEA Exempt Chemical Mixtures Code Number
- METHYL ETHYL KETONE (CAS 78-93-3) 6714

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))
- ALIPHATIC PETROLEUM DISTILLATES (CAS 64742-89-8)
- Bis (1,2,2,6,6-pentamethyl-4-piperidyl)sebacate (CAS 41556-26-7)
- Carbon Black (CAS 1333-86-4)
- ETHYLBENZENE (CAS 100-41-4)
- METHYL ETHYL KETONE (CAS 78-93-3)
- MINERAL SPIRITS (CAS 8052-41-3)
- Mixed Xylenes, Ethyl Benzene (CAS 1330-20-7)
- N-BUTANE (CAS 106-97-8)

US. Massachusetts RTK - Substance List
- Carbon Black (CAS 1333-86-4)
- ETHYLBENZENE (CAS 100-41-4)
- HEPTANE (CAS 142-82-5)
- METHYL ETHYL KETONE (CAS 78-93-3)
- METHYL N-AMYL KETONE (CAS 110-43-0)
- MINERAL SPIRITS (CAS 8052-41-3)
- Mixed Xylenes, Ethyl Benzene (CAS 1330-20-7)
- N-BUTANE (CAS 106-97-8)
- PROPANE (CAS 74-98-6)
US. New Jersey Worker and Community Right-to-Know Act
Carbon Black (CAS 1333-86-4)
ETHYLBENZENE (CAS 100-41-4)
HEPTANE (CAS 142-82-5)
METHYL ETHYL KETONE (CAS 78-93-3)
METHYL N-AMYL KETONE (CAS 110-43-0)
Mixed Xylenes, Ethyl Benzene (CAS 1330-20-7)
N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-to-Know Law
Carbon Black (CAS 1333-86-4)
ETHYLBENZENE (CAS 100-41-4)
HEPTANE (CAS 142-82-5)
METHYL ETHYL KETONE (CAS 78-93-3)
METHYL N-AMYL KETONE (CAS 110-43-0)
MINERAL SPIRITS (CAS 8052-41-3)
Mixed Xylenes, Ethyl Benzene (CAS 1330-20-7)
N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)

US. Rhode Island RTK
ETHYLBENZENE (CAS 100-41-4)
METHYL ETHYL KETONE (CAS 78-93-3)
Mixed Xylenes, Ethyl Benzene (CAS 1330-20-7)
N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)

US. California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
Carbon Black (CAS 1333-86-4) Listed: February 21, 2003
ETHYLBENZENE (CAS 100-41-4) Listed: June 11, 2004

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>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</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>Yes</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: 07-15-2015
Revision date: 07-21-2015
Version #: 03
HMIS® ratings
Health: 2*
Flammability: 3
Physical hazard: 0

NFPA ratings
Health: 2
Flammability: 3
Instability: 0
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Revision Information

Transport Information: Material Transportation Information