1. Identification
Product number: 1000019686
Product identifier: 40-026 RED ELEC FINISH
Revision date: 07-27-2018
Company information:
IDEAL INDUSTRIES, CORP. (CANADA)
33 FULLER ROAD
AJAX, ONTARIO L1S 2E1 Canada
Company phone:
General Assistance: 1-800-527-9105
Emergency telephone US: 1-866-836-8855
Emergency telephone outside US: 1-952-852-4646
Version #: 03
Supersedes date: 07-27-2018
Recommended use: Coating
Recommended restrictions: None known.

2. Hazard(s) identification
Physical hazards:
- Flammable aerosols: Category 1

Health hazards:
- Serious eye damage/eye irritation: Category 2A
- Reproductive toxicity (the unborn child): Category 2
- Specific target organ toxicity, single exposure: Category 3 narcotic effects
- Specific target organ toxicity, repeated exposure: Category 2

OSHA defined hazards: Not classified.
Label elements:

Signal word: Danger
Hazard statement: Extremely flammable aerosol. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure.

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 gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

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 exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.

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

Disposal:
Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC): None known.
Supplemental information: None.
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>20 - 40</td>
</tr>
<tr>
<td>Propane</td>
<td></td>
<td>74-98-6</td>
<td>10 - 20</td>
</tr>
<tr>
<td>Isobutane</td>
<td></td>
<td>75-28-5</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td></td>
<td>78-93-3</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Propylene Glycol Monomethyl Ether Acetate</td>
<td></td>
<td>108-65-6</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Red Iron Oxide Pigment</td>
<td></td>
<td>1309-37-1</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Xylene</td>
<td></td>
<td>1330-20-7</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td></td>
<td>100-41-4</td>
<td>1 - 2.5</td>
</tr>
<tr>
<td>Mineral Spirits</td>
<td></td>
<td>8052-41-3</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Toluene</td>
<td></td>
<td>108-88-3</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Other components below reportable levels</td>
<td></td>
<td>10 - 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**
Wash off with soap and water. Get medical attention if irritation develops and persists.

**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. If eye irritation persists: Get medical advice/attention.

**Ingestion**
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. 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. 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**
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.
6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. 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. 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. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. 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.

**Environmental precautions**

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.

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 gas. Avoid contact with eyes. 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. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities**

Level 2 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. 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>Acetone (CAS 67-64-1)</td>
<td>PEL 2400 mg/m3, 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>Ethyl Benzene (CAS 100-41-4)</td>
<td>PEL 435 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone (CAS 78-93-3)</td>
<td>PEL 100 ppm, 590 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Mineral Spirits (CAS 8052-41-3)</td>
<td>PEL 200 ppm, 2900 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Propane (CAS 74-98-6)</td>
<td>PEL 500 ppm, 1800 mg/m3, 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>Red Iron Oxide Pigment (CAS 1309-37-1)</td>
<td>PEL 10 mg/m3 (Fume)</td>
<td></td>
</tr>
<tr>
<td>Xylene (CAS 1330-20-7)</td>
<td>PEL 435 mg/m3, 100 ppm</td>
<td></td>
</tr>
</tbody>
</table>

**US. OSHA Table Z-2 (29 CFR 1910.1000)**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene (CAS 108-88-3)</td>
<td>Ceiling 300 ppm, TWA 200 ppm</td>
<td></td>
</tr>
</tbody>
</table>
### US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td>STEL</td>
<td>500 ppm</td>
</tr>
<tr>
<td>Ethyl Benzene (CAS 100-41-4)</td>
<td>TWA</td>
<td>250 ppm</td>
</tr>
<tr>
<td>Isobutane (CAS 75-28-5)</td>
<td>TWA</td>
<td>20 ppm</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone (CAS 78-93-3)</td>
<td>STEL</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>Mineral Spirits (CAS 8052-41-3)</td>
<td>TWA</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Red Iron Oxide Pigment (CAS 1309-37-1)</td>
<td>STEL</td>
<td>5 mg/m3 Respirable fraction.</td>
</tr>
<tr>
<td>Toluene (CAS 108-88-3)</td>
<td>TWA</td>
<td>20 ppm</td>
</tr>
<tr>
<td>Xylene (CAS 1330-20-7)</td>
<td>TWA</td>
<td>100 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>Acetone (CAS 67-64-1)</td>
<td>TWA</td>
<td>590 mg/m3</td>
</tr>
<tr>
<td>Ethyl Benzene (CAS 100-41-4)</td>
<td>STEL</td>
<td>545 mg/m3</td>
</tr>
<tr>
<td>Isobutane (CAS 75-28-5)</td>
<td>TWA</td>
<td>300 ppm</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone (CAS 78-93-3)</td>
<td>STEL</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Mineral Spirits (CAS 8052-41-3)</td>
<td>Ceiling</td>
<td>1800 mg/m3</td>
</tr>
<tr>
<td>Propane (CAS 74-98-6)</td>
<td>TWA</td>
<td>350 mg/m3</td>
</tr>
<tr>
<td>Red Iron Oxide Pigment (CAS 1309-37-1)</td>
<td>TWA</td>
<td>5 mg/m3 Dust and fume.</td>
</tr>
<tr>
<td>Toluene (CAS 108-88-3)</td>
<td>STEL</td>
<td>560 mg/m3</td>
</tr>
<tr>
<td>Mineral Spirits (CAS 8052-41-3)</td>
<td>TWA</td>
<td>375 mg/m3</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>Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6)</td>
<td>TWA</td>
<td>50 ppm</td>
</tr>
</tbody>
</table>

### Biological limit values

#### ACGIH Biological Exposure Indices

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td>25 mg/l</td>
<td>Acetone</td>
<td>Urine</td>
<td></td>
</tr>
<tr>
<td>Ethyl Benzene (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>
</tbody>
</table>
ACGIH Biological Exposure Indices

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene (CAS 108-88-3)</td>
<td>0.3 mg/g</td>
<td>o-Cresol, with hydrolysis</td>
<td>Creatinine in urine</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>0.03 mg/l</td>
<td>Toluene</td>
<td>Urine</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>0.02 mg/l</td>
<td>Toluene</td>
<td>Blood</td>
<td>*</td>
</tr>
<tr>
<td>Xylene (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.

Exposure guidelines

**US - California OELs: Skin designation**
- Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6)
  - Can be absorbed through the skin.
- Toluene (CAS 108-88-3)
  - Can be absorbed through the skin.

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

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. Provide eyewash station.

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 suitable protective clothing. Use of an impervious apron is recommended.

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.

General hygiene considerations
- Observe any medical surveillance requirements. 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: Gas.
- Form: Aerosol.
- Color: Not available.
- Odor: Not available.
- Odor threshold: Not available.
- pH: Not available.
- Melting point/freezing point: Not available.
- Initial boiling point and boiling range: 593.81 °F (312.12 °C) estimated
- Flash point: -156.0 °F (-104.4 °C) Propellant estimated
- Evaporation rate: Not available.
- Flammability (solid, gas): Not available.

**Upper/lower flammability or explosive limits**
- Flammability limit - lower (%): 1.9 % estimated
- Flammability limit - upper (%): 10.3 % estimated
Explosive limit - lower (%) Not available.
Explosive limit - upper (%) Not available.
Vapor pressure Not available.
Vapor density Not available.
Relative density Not available.
Solubility(ies)
  Solubility (water) Not available.
Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature 893.84 °F (478.8 °C) estimated
Decomposition temperature Not available.
Viscosity Not available.
Other information
  Explosive properties Not explosive.
  Heat of combustion (NFPA 30B) 23.13 kJ/g estimated
  Oxidizing properties Not oxidizing.
  Specific gravity 0.8 estimated

10. Stability and reactivity
Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability Material is stable under normal conditions.
Possibility of hazardous reactions Hazardous polymerization does not occur.
Conditions to avoid 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.
Skin contact No adverse effects due to skin contact are expected.
Eye contact Causes serious eye irritation.
Ingestion Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Information on toxicological effects
Acute toxicity Narcotic effects.
Components Species Test Results
Acetone (CAS 67-64-1)
  Acute
  Dermal
    LD50
    Guinea pig > 7426 mg/kg, 24 Hours
    Rabbit > 7426 mg/kg, 24 Hours
    > 9.4 ml/kg, 24 Hours
  Inhalation
    LC50
    Rat 55700 ppm, 3 Hours
    132 mg/l, 3 Hours
<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>50.1 mg/l</td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>5800 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>2.2 ml/kg</td>
</tr>
</tbody>
</table>

Ethyl Benzene (CAS 100-41-4)

**Acute**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit</td>
<td>17.8 ml/kg, 24 Hours</td>
</tr>
</tbody>
</table>

**Dermal**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit</td>
<td>17.8 ml/kg, 24 Hours</td>
</tr>
</tbody>
</table>

**Inhalation**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mouse</td>
<td>&gt; 8000 ppm, 20 Minutes</td>
</tr>
<tr>
<td>Rat</td>
<td>4000 ppm</td>
</tr>
</tbody>
</table>

**Oral**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rat</td>
<td>3500 mg/kg</td>
</tr>
</tbody>
</table>

Isobutane (CAS 75-28-5)

**Acute**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit</td>
<td>&gt; 10 ml/kg, 24 Hours</td>
</tr>
</tbody>
</table>

**Inhalation**

**Gas**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mouse</td>
<td>1237 mg/l, 120 Minutes</td>
</tr>
<tr>
<td>Rat</td>
<td>1355 mg/l</td>
</tr>
</tbody>
</table>

**Oral**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rat</td>
<td>2054 mg/kg</td>
</tr>
</tbody>
</table>

Propane (CAS 74-98-6)

**Acute**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit</td>
<td>&gt; 10 ml/kg, 24 Hours</td>
</tr>
</tbody>
</table>

**Inhalation**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mouse</td>
<td>1237 mg/l, 120 Minutes</td>
</tr>
<tr>
<td>Rat</td>
<td>1355 mg/l</td>
</tr>
<tr>
<td></td>
<td>658 mg/l/4h</td>
</tr>
</tbody>
</table>

Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6)

**Acute**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rat</td>
<td>&gt; 2000 mg/kg, 24 Hours</td>
</tr>
</tbody>
</table>

**Oral**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td></td>
<td>&gt; 14.1 ml</td>
</tr>
</tbody>
</table>

Red Iron Oxide Pigment (CAS 1309-37-1)

**Acute**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
</tbody>
</table>

Toluene (CAS 108-88-3)

**Acute**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit</td>
<td>&gt; 5000 mg/kg, 24 Hours</td>
</tr>
</tbody>
</table>
**Components**

- **Inhalation**
  - LC50
    - Mouse: 6405 - 7436 ppm, 6 Hours
    - Rat: 5320 ppm, 8 Hours
    - Rat: 5879 - 6281 ppm, 6 Hours
    - 25.7 mg/l, 4 Hours

- **Oral**
  - LD50
    - Rat: > 5000 mg/kg

**Xylene (CAS 1330-20-7)**

- **Acute**
  - Dermal
    - LD50
      - Rabbit: > 5000 ml/kg, 4 Hours
      - 12126 mg/kg, 24 Hours

- **Inhalation**
  - LC50
    - Rat: 5922 ppm, 4 Hours

- **Oral**
  - LD50
    - Mouse: 5251 mg/kg
    - Rat: 3523 mg/kg
    - 10 ml/kg

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

**Skin corrosion/irritation**
- Prolonged skin contact may cause temporary irritation.

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

**Respiratory or skin sensitization**

- **Respiratory sensitization**
  - Not a respiratory sensitizer.

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

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

**Carcinogenicity**
- Risk of cancer cannot be excluded with prolonged exposure.
  - **IARC Monographs. Overall Evaluation of Carcinogenicity**
    - Ethyl Benzene (CAS 100-41-4): 2B Possibly carcinogenic to humans.
    - Red Iron Oxide Pigment (CAS 1309-37-1): 3 Not classifiable as to carcinogenicity to humans.
    - Toluene (CAS 108-88-3): 3 Not classifiable as to carcinogenicity to humans.
    - Xylene (CAS 1330-20-7): 3 Not classifiable as to carcinogenicity to humans.

  - Not regulated.

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

**Reproductive toxicity**
- Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Suspected of damaging 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 likely, due to the form of the product.

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

**12. Ecological information**

**Ecotoxicity**
- The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acetone (CAS 67-64-1)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Water flea (Daphnia magna)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>21.6 - 23.9 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Rainbow trout,donaldson trout</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Oncorhynchus mykiss)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4740 - 6330 mg/l, 96 hours</td>
</tr>
<tr>
<td><strong>Ethyl Benzene (CAS 100-41-4)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>IC50</td>
<td>Algae</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4.6 mg/L, 72 Hours</td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2.1 mg/L, 48 Hours</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Water flea (Daphnia magna)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.37 - 4.4 mg/l, 48 hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fathead minnow (Pimephales promelas)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7.5 - 11 mg/l, 96 hours</td>
</tr>
<tr>
<td><strong>Methyl Ethyl Ketone (CAS 78-93-3)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>520.0001 mg/L, 48 Hours</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Sheepshead minnow (Cyprinodon variegatus)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 400 mg/l, 96 hours</td>
</tr>
<tr>
<td><strong>Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6)</strong></td>
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<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>500.0001 mg/L, 48 Hours</td>
</tr>
<tr>
<td><strong>Toluene (CAS 108-88-3)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>IC50</td>
<td>Algae</td>
</tr>
<tr>
<td></td>
<td></td>
<td>433.0001 mg/L, 72 Hours</td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7.645 mg/L, 48 Hours</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Water flea (Daphnia magna)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5.46 - 9.83 mg/l, 48 hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Coho salmon,silver salmon</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Oncorhynchus kisutch)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8.11 mg/l, 96 hours</td>
</tr>
<tr>
<td><strong>Xylene (CAS 1330-20-7)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Bluegill (Lepomis macrochirus)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7.711 - 9.591 mg/l, 96 hours</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>Acetone</td>
<td>-0.24</td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td>3.15</td>
</tr>
<tr>
<td>Isobutane</td>
<td>2.76</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>0.29</td>
</tr>
<tr>
<td>Mineral Spirits</td>
<td>3.16 - 7.15</td>
</tr>
<tr>
<td>Propane</td>
<td>2.36</td>
</tr>
<tr>
<td>Toluene</td>
<td>2.73</td>
</tr>
<tr>
<td>Xylene</td>
<td>3.12 - 3.2</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. 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, (each not exceeding 1 L capacity)
- **Transport hazard class(es)**:
  - **Class**: 2.1
  - **Subsidiary risk**: -
  - **Label(s)**: 2.1
- **Packing group**: Not applicable.
- **Special precautions for user**: Read safety instructions, SDS and emergency procedures before handling.
- **Special provisions**: N82
- **Packaging exceptions**: 306
- **Packaging non bulk**: None
- **Packaging bulk**: None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking.

## IATA
- **UN number**: UN1950
- **UN proper shipping name**: Aerosols, flammable
- **Transport hazard class(es)**:
  - **Class**: 2.1
  - **Subsidiary risk**: -
  - **Label(s)**: 2.1
- **Packing group**: Not applicable.
- **Environmental hazards**: No.
- **ERG Code**: 10L
- **Special precautions for user**: Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
- **Other information**: Allowed with restrictions.
- **Passenger and cargo aircraft**
- **Cargo aircraft only**: Allowed with restrictions.
- **Packaging Exceptions**: LTD QTY

## IMDG
- **UN number**: UN1950
- **UN proper shipping name**: AEROSOLS
- **Transport hazard class(es)**:
  - **Class**: 2.1
  - **Subsidiary risk**: -
  - **Label(s)**: None
- **Packing group**: Not applicable.
- **Environmental hazards**: No.
- **Marine pollutant**: F-D, S-U
- **EmS**: F-D, S-U
- **Special precautions for user**: Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
- **Packaging Exceptions**: LTD QTY
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**: Not applicable.
15. Regulatory information

US federal regulations

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

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

- Acetone (CAS 67-64-1) Listed.
- Ethyl Benzene (CAS 100-41-4) Listed.
- Methyl Ethyl Ketone (CAS 78-93-3) Listed.
- Toluene (CAS 108-88-3) Listed.
- Xylene (CAS 1330-20-7) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

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>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td>100-41-4</td>
<td>1 - 2.5</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
- Ethyl Benzene (CAS 100-41-4)
- Toluene (CAS 108-88-3)
- Xylene (CAS 1330-20-7)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
- Isobutane (CAS 75-28-5)
- 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 %WV
- Methyl Ethyl Ketone (CAS 78-93-3) 35 %WV
- Toluene (CAS 108-88-3) 35 %WV

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))

- Acetone (CAS 67-64-1)
- Ethyl Benzene (CAS 100-41-4)
- Isobutane (CAS 75-28-5)
- Methyl Ethyl Ketone (CAS 78-93-3)
- Mineral Spirits (CAS 8052-41-3)
- Toluene (CAS 108-88-3)
- Xylene (CAS 1330-20-7)

US. Massachusetts RTK - Substance List

- Acetone (CAS 67-64-1)
- Ethyl Benzene (CAS 100-41-4)
- Isobutane (CAS 75-28-5)
- Methyl Ethyl Ketone (CAS 78-93-3)
- Mineral Spirits (CAS 8052-41-3)
- Propane (CAS 74-98-6)
- Red Iron Oxide Pigment (CAS 1309-37-1)
- Toluene (CAS 108-88-3)
- Xylene (CAS 1330-20-7)

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

- Acetone (CAS 67-64-1)
- Ethyl Benzene (CAS 100-41-4)
- Isobutane (CAS 75-28-5)
- Methyl Ethyl Ketone (CAS 78-93-3)
- Propane (CAS 74-98-6)
- Red Iron Oxide Pigment (CAS 1309-37-1)
- Toluene (CAS 108-88-3)
- Xylene (CAS 1330-20-7)

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

- Acetone (CAS 67-64-1)
- Ethyl Benzene (CAS 100-41-4)
- Isobutane (CAS 75-28-5)
- Methyl Ethyl Ketone (CAS 78-93-3)
- Propane (CAS 74-98-6)
- Red Iron Oxide Pigment (CAS 1309-37-1)
- Toluene (CAS 108-88-3)
- Xylene (CAS 1330-20-7)

US. Rhode Island RTK

- Acetone (CAS 67-64-1)
- Ethyl Benzene (CAS 100-41-4)
- Isobutane (CAS 75-28-5)
- Methyl Ethyl Ketone (CAS 78-93-3)
- Propane (CAS 74-98-6)
Toluene (CAS 108-88-3)
Xylene (CAS 1330-20-7)

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
Ethyl Benzene (CAS 100-41-4)  Listed: June 11, 2004
Titanium dioxide (CAS 13463-67-7)  Listed: September 2, 2011

US - California Proposition 65 - CRT: Listed date/Developmental toxin
Toluene (CAS 108-88-3)  Listed: January 1, 1991

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>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>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
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</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>No</td>
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<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
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<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>No</td>
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<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          03-31-2017
Revision date       07-27-2018
Version # 03

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.