1. Identification

Product identifier: Jump Start® Starting Fluid

Other means of identification

Product Code: No. 05671 (Item# 1003843)

Recommended use: Starting fluid

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information

Manufactured or sold by:

- **Company name**: CRC Industries, Inc.
- **Address**: 885 Louis Dr.
  Warminster, PA 18974 US
- **Telephone**
  - General Information: 215-674-4300
  - Technical Assistance: 800-521-3168
  - Customer Service: 800-272-4620
  - 24-Hour Emergency (CHEMTREC): 800-424-9300 (US)
    703-527-3887 (International)
- **Website**: www.crcindustries.com

2. Hazard(s) identification

**Physical hazards**
- Flammable aerosols
  - Category 1
- Gases under pressure
  - Compressed gas

**Health hazards**
- Skin corrosion/irritation
  - Category 2
- Carcinogenicity
  - Category 2
- Specific target organ toxicity, single exposure
  - Category 3 narcotic effects
- Aspiration hazard
  - Category 1

**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. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Suspected of causing cancer. 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 apply while equipment is energized. Extinguish all flames, pilot lights and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Avoid breathing mist or vapor. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

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

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

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

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>heptane, branched, cyclic and linear</td>
<td></td>
<td>426260-76-6</td>
<td>70 - 80</td>
</tr>
<tr>
<td>diethyl ether</td>
<td></td>
<td>60-29-7</td>
<td>10 - 20</td>
</tr>
<tr>
<td>carbon dioxide</td>
<td></td>
<td>124-38-9</td>
<td>5 - 10</td>
</tr>
<tr>
<td>ethanol</td>
<td></td>
<td>64-17-5</td>
<td>&lt; 1,5</td>
</tr>
<tr>
<td>chloroethane</td>
<td></td>
<td>75-00-3</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>distillates (petroleum), hydrotreated light</td>
<td></td>
<td>64742-47-8</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

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

4. First-aid measures

Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

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

Eye contact
Rinse with water. Get medical attention if irritation develops and persists.

Ingestion
Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Most important symptoms/effects, acute and delayed

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. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

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

Unsuitable extinguishing media
None known.

Specific hazards arising from the chemical
Contents under pressure. Pressurized container may rupture 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. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.

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

6. Accidental release measures

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

Methods and materials for containment and cleaning up
Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water. Prevent product from entering drains. Stop the flow of material, if this is without risk. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

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

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. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. 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. For product usage instructions, see the product label.

Conditions for safe storage, including any incompatibilities
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 in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known 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 dioxide (CAS 124-38-9)</td>
<td>PEL</td>
<td>9000 mg/m3</td>
</tr>
<tr>
<td>chloroethane (CAS 75-00-3)</td>
<td>PEL</td>
<td>5000 ppm</td>
</tr>
<tr>
<td>diethyl ether (CAS 60-29-7)</td>
<td>PEL</td>
<td>2600 mg/m3</td>
</tr>
<tr>
<td>1000 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>distillates (petroleum), hydrotreated light (CAS 64742-47-8)</td>
<td>PEL</td>
<td>1200 mg/m3</td>
</tr>
<tr>
<td>400 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ethanol (CAS 64-17-5)</td>
<td>PEL</td>
<td>400 mg/m3</td>
</tr>
<tr>
<td>100 ppm</td>
<td></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>carbon dioxide (CAS 124-38-9)</td>
<td>STEL</td>
<td>30000 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>5000 ppm</td>
</tr>
<tr>
<td>chloroethane (CAS 75-00-3)</td>
<td>TWA</td>
<td>100 ppm</td>
</tr>
<tr>
<td>diethyl ether (CAS 60-29-7)</td>
<td>STEL</td>
<td>500 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>400 ppm</td>
</tr>
<tr>
<td>ethanol (CAS 64-17-5)</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 dioxide (CAS 124-38-9)</td>
<td>STEL</td>
<td>54000 mg/m3</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>30000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>9000 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5000 ppm</td>
</tr>
<tr>
<td>distillates (petroleum), hydrotreated light (CAS 64742-47-8)</td>
<td>TWA</td>
<td>100 mg/m3</td>
</tr>
<tr>
<td>ethanol (CAS 64-17-5)</td>
<td>TWA</td>
<td>1900 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Exposure guidelines

#### US - California OELs: Skin designation
- chloroethane (CAS 75-00-3) Can be absorbed through the skin.

#### US ACGIH Threshold Limit Values: Skin designation
- chloroethane (CAS 75-00-3) 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 fountain and emergency showers are recommended.

### Individual protection measures, such as personal protective equipment

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

#### Skin protection
- **Hand protection**
  - Wear protective gloves such as: Nitrile. Butyl rubber.
- **Other**
  - Wear appropriate chemical resistant clothing.

#### Respiratory protection
- If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

#### Thermal hazards
- Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations
- 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**: Liquid.
- **Form**: Aerosol.
- **Color**: Colorless.
- **Odor**: Hydrocarbon-like.
- **Odor threshold**: Not available.
- **pH**: Not available.
- **Melting point/freezing point**: -189.9 °F (-123.3 °C) estimated.
Initial boiling point and boiling range
94.3 °F (34.6 °C) estimated

Flash point
< 20 °F (< -6.7 °C) Tag Closed Cup

Evaporation rate
Fast.

Flammability (solid, gas)
Not available.

Upper/lower flammability or explosive limits
- Flammability limit - lower (%)
  0.5 % estimated
- Flammability limit - upper (%)
  36.5 % estimated

Vapor pressure
5024.7 hPa estimated

Vapor density
> 1 (air = 1)

Relative density
0.7

Solubility (water)
Slightly soluble.

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

Auto-ignition temperature
320 °F (160 °C) estimated

Decomposition temperature
Not available.

Viscosity (kinematic)
< 20 cSt (104 °F (40 °C))

Percent volatile
100 %

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

Chemical stability
Material is stable under normal conditions.

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

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

Incompatible materials
Strong oxidizing agents. Aluminum.

Hazardous decomposition products
Carbon oxides. Acrid smoke.

11. Toxicological information
Information on likely routes of exposure
- Inhalation
  May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
- Skin contact
  Causes skin irritation.
- Eye contact
  Direct contact with eyes may cause temporary irritation.
- Ingestion
  Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics

Information on toxicological effects
Acute toxicity
May be fatal if swallowed and enters airways.

Components
<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethyl ether (CAS 60-29-7)</td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
</tr>
</tbody>
</table>
**Components** | **Species** | **Test Results**
--- | --- | ---
**distillates (petroleum), hydrotreated light (CAS 64742-47-8)**
**Acute**
**Dermal**
LD50 | Rat | > 2000 mg/kg
**ethanol (CAS 64-17-5)**
**Acute**
**Dermal**
LD50 | Rabbit | 20 g/kg
**Inhalation**
LC50 | Rat | > 60 mg/l, 4 hours
**Oral**
LD50 | Rat | > 5000 mg/kg
**heptane, branched, cyclic and linear (CAS 426260-76-6)**
**Acute**
**Dermal**
LD50 | Rabbit | > 2000 mg/kg
**Inhalation**
LC50 | Rat | > 60 mg/l, 4 hours
**Oral**
LD50 | Rat | > 5000 mg/kg

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

**Skin corrosion/irritation**
Causes skin irritation.

**Serious eye damage/eye irritation**
Direct contact with eyes may cause temporary irritation.

**Respiratory sensitization**
Not a respiratory sensitizer.

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

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

**Carcinogenicity**
Suspected of causing cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**
- chloroethane (CAS 75-00-3) 3 Not classifiable as to carcinogenicity to humans.
- diethyl ether (CAS 60-29-7) 3 Not classifiable as to carcinogenicity to humans.

Not regulated.

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

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

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

**Specific target organ toxicity - repeated exposure**
Not classified.

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

**Chronic effects**
Prolonged inhalation may be harmful.

### 12. Ecological information

**Ecotoxicity**
Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

**Components** | **Species** | **Test Results**
--- | --- | ---
**diethyl ether (CAS 60-29-7)**
**Aquatic**
Fish | LC50 | Fathead minnow (Pimephales promelas) 2560 mg/l, 96 hours
<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Aquatic</strong></td>
<td><strong>Acute</strong></td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light (CAS 64742-47-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Crustacea</strong></td>
<td><strong>EC50</strong></td>
<td>Water flea (Daphnia magna)</td>
</tr>
<tr>
<td><strong>Fish</strong></td>
<td><strong>LC50</strong></td>
<td>Fathead minnow (Pimephales promelas)</td>
</tr>
<tr>
<td>Ethanol (CAS 64-17-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td><strong>Acute</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Crustacea</strong></td>
<td><strong>EC50</strong></td>
<td>Water flea (Daphnia magna)</td>
</tr>
<tr>
<td><strong>Fish</strong></td>
<td><strong>LC50</strong></td>
<td>Fathead minnow (Pimephales promelas)</td>
</tr>
<tr>
<td>Heptane, branched, cyclic and linear (CAS 426260-76-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td><strong>Acute</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Crustacea</strong></td>
<td><strong>EC50</strong></td>
<td>Water flea (Daphnia magna)</td>
</tr>
</tbody>
</table>

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

**Persistence and degradability**

**Bioaccumulative potential**

<table>
<thead>
<tr>
<th>Partition coefficient n-octanol / water (log Kow)</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloroethane</td>
<td>1.43</td>
</tr>
<tr>
<td>Diethyl ether</td>
<td>0.89</td>
</tr>
<tr>
<td>Ethanol</td>
<td>-0.31</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 of waste from residues / unused products

If discarded, this product is considered a RCRA ignitable waste, D001. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose in accordance with all applicable regulations.

**Hazardous waste code**

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

**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.

### 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, Limited Quantity</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>2.1</td>
</tr>
<tr>
<td>Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Subsidiary risk</td>
<td>-</td>
</tr>
<tr>
<td>Label(s)</td>
<td>2.1</td>
</tr>
<tr>
<td>Packing group</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>Read safety instructions, SDS and emergency procedures before handling.</td>
</tr>
<tr>
<td>Special provisions</td>
<td>N82</td>
</tr>
<tr>
<td>Packaging exceptions</td>
<td>306</td>
</tr>
<tr>
<td>Packaging non bulk</td>
<td>None</td>
</tr>
<tr>
<td>Packaging bulk</td>
<td>None</td>
</tr>
</tbody>
</table>

**IATA**

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN1950</th>
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</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td>Aerosols, flammable, Limited Quantity</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>2.1</td>
</tr>
<tr>
<td>Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Subsidiary risk</td>
<td>-</td>
</tr>
</tbody>
</table>
Packing group: Not applicable.
ERG Code: 10L
Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.
Other information:
- Passenger and cargo aircraft: Allowed with restrictions.
- Cargo aircraft only: Allowed with restrictions.

IMDG
- UN number: UN1950
- UN proper shipping name: AEROSOLS, Limited Quantity
- Transport hazard class(es): Class 2.1
- Subsidiary risk: Not applicable.
- Packing group: Not applicable.
- Environmental hazards: No.
- Marine pollutant: Not available.
- Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

15. Regulatory information

US federal regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
- SARA 304 Emergency release notification: Not regulated.
- US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance: chloroethane (CAS 75-00-3)
- CERCLA Hazardous Substance List (40 CFR 302.4):
  - chloroethane (CAS 75-00-3): Listed.
  - diethyl ether (CAS 60-29-7): Listed.
- CERCLA Hazardous Substances: Reportable quantity:
  - chloroethane (CAS 75-00-3): 100 LBS
  - diethyl ether (CAS 60-29-7): 100 LBS
- Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.
- Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.
- Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
  - chloroethane (CAS 75-00-3)
  - diethyl ether (CAS 60-29-7)
- Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number:
  - diethyl ether (CAS 60-29-7): 6584
- Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c)):
  - diethyl ether (CAS 60-29-7): 35 %WV
- DEA Exempt Chemical Mixtures Code Number:
  - diethyl ether (CAS 60-29-7): 6584
- FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace:
  - ethanol (CAS 64-17-5): Low priority
- Food and Drug Administration (FDA): Not regulated.
Superfund Amendments and Reauthorization Act of 1986 (SARA)

<table>
<thead>
<tr>
<th>Section 311/312</th>
<th>Hazard categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediate Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Delayed Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Pressure Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Reactivity Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

SARA 302 Extremely hazardous substance: No

US state regulations

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))
- chlorine (CAS 75-00-3)

US. New Jersey Worker and Community Right-to-Know Act
- carbon dioxide (CAS 124-38-9)
- chlorine ethylene (CAS 75-00-3)
- diethyl ether (CAS 60-29-7)
- ethanol (CAS 64-17-5)

US. Massachusetts RTK - Substance List
- carbon dioxide (CAS 124-38-9)
- chlorine ethylene (CAS 75-00-3)
- diethyl ether (CAS 60-29-7)
- ethanol (CAS 64-17-5)

US. Pennsylvania Worker and Community Right-to-Know Law
- carbon dioxide (CAS 124-38-9)
- chlorine ethylene (CAS 75-00-3)
- diethyl ether (CAS 60-29-7)
- distillates (petroleum), hydrotreated light (CAS 64742-47-8)
- ethanol (CAS 64-17-5)

US. Rhode Island RTK
- carbon dioxide (CAS 124-38-9)
- chlorine ethylene (CAS 75-00-3)
- diethyl ether (CAS 60-29-7)
- ethanol (CAS 64-17-5)

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
- chlorine ethylene (CAS 75-00-3) Listed: July 1, 1990

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

Volatile organic compounds (VOC) regulations

EPA
- VOC content (40 CFR 51.100(s)) 94.5 %
- Consumer products (40 CFR 59, Subpt. C) Not regulated

State
- Consumer products Not regulated
  - VOC content (CA) 94.5 %
  - VOC content (OTC) 94.5 %

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>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>
</tbody>
</table>

Material name: Jump Start® Starting Fluid
SDS US
No. 05671 (Item# 1003843) Version #: 01 Issue date: 08-29-2017
<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
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</thead>
<tbody>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
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<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
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<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
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<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>Yes</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**
08-29-2017

**Prepared by**
Allison Yoon

**Version #**
01

**Further information**
Not available.

**HMIS® ratings**
- Health: 1*
- Flammability: 4
- Physical hazard: 0
- Personal protection: B

**NFPA ratings**
- Health: 1
- Flammability: 4
- Instability: 0

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**Revision Information**
This document has undergone significant changes and should be reviewed in its entirety.