MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME   CD-2 Engine Detailer
PRODUCT CODE   4516
CHEMICAL FAMILY Petroleum Distillates
CHEMICAL NAME   Complex Mixture of Hydrocarbons
FORMULA        Mixture

MANUFACTURER    EMERGENCY TELEPHONE NUMBERS
CD-2 Company     Transportation: CHEMTREC: 800-424-9300
625 Willowbrook Centre Parkway Medical: Contact Local Poison Control Center
Willowbrook, IL 60527
Phone: 630-455-3866
Fax: 630-455-3868

2. POSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NUMBER</th>
<th>CONCENTRATION (wt %)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Distillates</td>
<td>64742-48-9</td>
<td>60 – 70</td>
</tr>
<tr>
<td>Propane</td>
<td>00074-98-6</td>
<td>10 – 15</td>
</tr>
<tr>
<td>Isobutane</td>
<td>00075-28-5</td>
<td>10 - 15</td>
</tr>
</tbody>
</table>

EXPOSURE LIMITS 8 hrs. TWA(ppm)

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Distillates</td>
<td>100 ppm</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Propane</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>Isobutane</td>
<td>800 ppm</td>
<td>800 ppm</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION: Can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headaches, possible unconsciousness and even asphyxiation.

INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration into lungs can cause pneumonitis which can be fatal.

SKIN CONTACT: Prolonged or repeated contact can cause moderate irritation, defatting or dermatitis.

EYE CONTACT: Can cause severe irritation, redness, tearing or blurred vision.

4. FIRST AID MEASURES
EYE: Flush with large amounts of water, lifting upper and lower eyelids occasionally. Get medical attention.

SKIN: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder before re-use.

INHALATION: Remove person to fresh air. If breathing difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Call a physician.

INGESTION: Do not induce vomiting. Keep person quiet and warm. Get medical attention. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

5. FIRE FIGHTING MEASURES

FLASH POINT: Flame length in excess of 18 inches, with visible flash back to nozzle by CPSC test 16CFR1500.3(c)(vii); rated extremely flammable.

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam.

SPECIAL FIRE FIGHTING PROCEDURES: Aerosol cans are under pressure, can explode when heated above 120°F and can become projectiles. Treat contents as flammable liquid/explosive vapor fire. Keep unignited containers cool with water. Vapors are heavier than air, may collect in low areas, and may travel to distant source of ignition and flashback.

6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Ventilate area. Remove sources of ignition. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Absorb small amounts on inert material for disposal.

7. HANDLING AND STORAGE

STORAGE TEMPERATURE (MIN./MAX.): 21 ° F (-6 ° C)/ 113 ° F (45 C)

SHELF LIFE: 3 years minimum when the original container is kept tightly closed and properly stored.

SPECIAL SENSITIVITY: None.

HANDLING AND STORAGE PRECAUTIONS: Avoid storing or heating above recommended temperatures.

8. EXPOSURE CONTROLS/PERSOAL PROTECTION

EYE PROTECTION REQUIREMENTS: Splash goggles.

SKIN PROTECTION REQUIREMENTS: Wear chemically resistant gloves.

RESPIRATOR/VENTILATION REQUIREMENTS: Provide sufficient ventilation to avoid exposure levels above the established TLV’s.

EXPOSURE LIMITS: Not established for product as whole.

- Petroleum Distillates OSHA 100 ppm
- Propane OSHA 1000 ppm
- Isobutane OSHA 800 ppm
PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Liquid in aerosol container
COLOR: Clear water white thin liquid
ODOR: Fruity odor
BOILING POINT: -40°F (-40°C)
MELT / FREEZE POINT: Not Determined
PH: Not applicable
SOLUBILITY IN WATER: Insoluble
SPECIFIC GRAVITY: 0.690 @ 60 º F (15.6 º C)
% VOLATILE BY WEIGHT: 80 %
VAPOR PRESSURE: 35 – 45 psig @ 70°F
VAPOR DENSITY: Not determined

10. REACTIVITY

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITIES: Strong oxidizing agents and acids.
DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and hydrocarbons.

11. TOXICOLOGICAL INFORMATION

ACUTE INHALATION: Aspiration into lungs can cause pneumonitis which can be fatal.
CHRONIC INHALATION: Not determined.
ACUTE SKIN CONTACT: Prolonged or repeated contact can cause moderate irritation, defatting or dermatitis.
CHRONIC SKIN CONTACT: Not determined.
ACUTE EYE CONTACT: Can cause severe irritation, redness, tearing or blurred vision.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Ignitable hazardous waste, EPA Hazardous Waste Number D001

WASTE DISPOSAL METHOD: Dispose of product in accordance with all local, state and federal laws and regulations.
14. **TRANSPORT INFORMATION**

**DOT INFORMATION:**

**PROPER SHIPPING NAME:**
- Non Bulk: Not regulated
- Bulk: Aerosol 30

**TECHNICAL SHIPPING NAME:**
- Consumer Commodity

**HAZARD CLASS:**
- Non Bulk: ORM-D
- Bulk: 2.1

**UN NUMBER:**
- UN 1950

**PRODUCT RQ (lbs):**
- None

**LABEL:**
- Non Bulk: ORM-D
- Bulk: Flammable gas

**PLACARD:**
- Non Bulk: ORM-D
- Bulk: Aerosols

**FREIGHT CLASS BULK:**
- Aerosol 30

**FREIGHT CLASS PACKAGE:**
- None

**PRODUCT LABEL**
- None

15. **REGULATORY INFORMATION**

**TSCA STATUS:**
- All ingredients listed.

**CERCLA REPORTABLE QUANTITY:**
- None

**SARA TITLE III:**

**SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES**
- None

**SECTION 311/312 HAZARD CATEGORIES**

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes/No</th>
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</thead>
<tbody>
<tr>
<td>Acute Health</td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health</td>
<td>Yes</td>
</tr>
<tr>
<td>Fire</td>
<td>Yes</td>
</tr>
<tr>
<td>Reactive</td>
<td>No</td>
</tr>
<tr>
<td>Sudden Release of Pressure</td>
<td>Yes</td>
</tr>
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</table>

**SECTION 313**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS NUMBER</th>
<th>CONCENTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RCRA STATUS:** If discarded in its purchased form, this product would be an ignitable waste with an EPA Hazardous Waste Number of D001. However, under RCRA, it is the responsibility of the product...
user to determine at the time of disposal, whether a material containing this product should be classified as a hazardous waste. (40CFR261.20-24)

**CANADIAN STATUS:** All materials contained in this product are listed on the Canadian Domestic Substances List and are in compliance with the Canadian Environmental Protection Act.

**EUROPEAN UNION:** All materials contained in this product are listed on EINECS.

**STATE REGULATORY INFORMATION**

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

<table>
<thead>
<tr>
<th>COMPONENT/</th>
<th>CONCENTRATION</th>
<th>STATE CODE</th>
</tr>
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<tbody>
<tr>
<td>CAS NUMBER</td>
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</table>

CA = Material known to the state of California to cause cancer and/or birth defects. (California Proposition 65).

16. **OTHER INFORMATION**

<table>
<thead>
<tr>
<th>HMIS CLASSIFICATION</th>
<th>Health</th>
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<tbody>
<tr>
<td></td>
<td>Flammability</td>
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<tr>
<td></td>
<td>Reactivity</td>
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<tr>
<td></td>
<td>PPI</td>
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</table>

<table>
<thead>
<tr>
<th>NFPA RATING</th>
<th>Health</th>
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<tbody>
<tr>
<td></td>
<td>Fire</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Special</td>
<td>None</td>
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</tbody>
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**REASON FOR ISSUE**

Revise address, phone and fax numbers

**PREPARED BY**

Richard P. Kelly

**TITLE**

Technical Manager

**APPROVAL DATE**

February 12, 2007

**SUPERCEDES DATE**

October 7, 2004

**REVISION NUMBER**

#03

This information is to the best of CD-2’s Company’s knowledge and belief, accurate and reliable. However, no representation, warranty, or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitableness and completeness of such information for his own particular use.