**SECTION 1: PRODUCT INFORMATION**

Manufacturer: ADCO Cleaning Products LLC, 900 W. Main, Sedalia, MO 65301 (660) 828-3300

EMERGENCY TELEPHONE NUMBERS: CHEMTREC (800) 424-9300 24 HRS 7 DAYS A WEEK; ADCO (800) 821-7556 (8-5 M-F)

Intended Product Use: Spot and stain removal agent for use in drycleaning only.

Synonyms: None

**SECTION 2: HAZARDOUS INGREDIENTS**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>%</th>
<th>CAS #</th>
<th>OSHA PEL</th>
<th>LD 50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aromatic petroleum distillates</td>
<td>25-35</td>
<td>64742-95-6</td>
<td>oral: 4700 mg/kg (rat)</td>
<td></td>
</tr>
<tr>
<td>cyclohexanol</td>
<td>3-7</td>
<td>108-93-0</td>
<td>50 ppm TWA</td>
<td>dermal: 3480 mg/kg (rat)</td>
</tr>
<tr>
<td>4-methyl, 2-pentanone</td>
<td>&lt;5</td>
<td>108-10-1</td>
<td>50 ppm TWA</td>
<td>oral: 2060 mg/kg (rat)</td>
</tr>
<tr>
<td>n-butyl alcohol</td>
<td>3-7</td>
<td>71-36-3</td>
<td>50 ppm TWA</td>
<td>dermal: &gt;20 ml/kg (rabbit)</td>
</tr>
<tr>
<td>pentyl acetate</td>
<td>3-7</td>
<td>628-63-7</td>
<td>100 ppm TWA</td>
<td>oral: 6500 mg/kg (rat)</td>
</tr>
</tbody>
</table>

**SECTION 3: PHYSICAL DATA**

- Appearance: Light yellow liquid
- Odor: Fruit-like odor
- Boiling Point: 257°F
- Solubility in Water: Slight-forms emulsion
- Vapor Pressure (mm Hg): No data
- Vapor Density: Heavier than air

**SECTION 4: FIRE AND EXPLOSION HAZARD DATA**

- Flash Point (Method)(°F): 104 (TCC)
- Upper Flammable Limit: No data
- Lower Flammable Limit: No data

Extinguishing Media: Dry chemical, carbon dioxide, water fog or other media for Class B fires.


Unusual Fire and Explosion Hazards: Vapors may form combustible or explosive mixture with air. Combustible products may be toxic.

**SECTION 5: REACTIVITY DATA**

- Stability: Stable
- Conditions to Avoid: Strong oxidizers.
- Use or storage at temperatures over 120°F.

Incompatibility (materials to avoid): Strong oxidizers.

Hazardous Decomposition Products: Burning may produce toxic, irritating vapors.

Hazardous Polymerization: Will not occur.

**SECTION 6: HEALTH HAZARD DATA**

- Toxicity (Estimated): Slight

Effects of Overexposure:

- Acute: Exposure to high concentrations of vapors may cause headaches, nausea, dizziness, or nose, throat or eye irritation. Contact with eyes, prolonged or repeated contact with skin may cause drying or irritation.
- Chronic: Orthodichlorobenzene is reported to cause liver and kidney damage with prolonged or repeated exposure.

Carcinogenicity: None of the ingredients of this mixture have been identified as a carcinogen or probable carcinogen by ACGIH, IARC or OSHA.

*Hazard ratings and other information are based on latest available information from tests on product or ingredients of mixtures. The data and evaluations are accurate to the best of ADCO's knowledge. No guarantee or liability is expressed or implied.*
SECTION 7: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required when used as directed with adequate ventilation. When cleaning up large spills in confined areas, self-contained breathing apparatus is recommended.

Ventilation: Normal industrial ventilation is adequate. Local exhaust at work station is recommended.

Protective Gloves: Ordinarily not needed. Use chemically resistant gloves when contact is prolonged or frequent.

Eye Protection: Use goggles or face mask if splashing is likely.

Other protection equipment ordinarily not needed. Availability of eye washes and adequate ventilation in work areas recommended.

STORAGE AND HANDLING:

Store in closed containers in a well ventilated area. Keep containers closed when not in use. Keep away from heat and open flame.

SPILL OR LEAK PROCEDURES:

Avoid breathing vapors. Keep from sources of ignition. Soak up on absorbent material (sawdust, etc.) and shovel into containers for disposal.

WASTE DISPOSAL METHOD:

Dispose of in a manner that complies with all local, state and federal regulations for combustible wastes.

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION: Combustible. Keep away from heat and open flames. Use with adequate ventilation. Avoid prolonged breathing of vapors. Avoid contact with skin and eyes.

FIRST AID: Remove person overcome by vapors to fresh air. In case of contact with eyes, flush for 15 minutes with water. Wash off of skin with soap and water. If swallowed, do NOT induce vomiting. Call physician immediately.

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

This product is intended for professional use only by trained personnel.

SECTION 8: FIRST AID

Inhalation: Remove person overcome by vapors to fresh air.

Eyes: Flush eyes for 15 minutes with water.

Skin: Wash off of skin with soap and water.

Ingestion: Do NOT induce vomiting.

IF SYMPTOMS PERSIST, SEEK MEDICAL ASSISTANCE

SECTION 9: SARA TITLE III

NOTE: This product does contain some components which are under the reporting requirements of SARA Title III, Section 313. If you are required to report discharges using Form R, SARA Title III, Section 313, information is available on amounts of reportable components.

SECTION 10: PREPARATION DATE

This information is provided for guidance only based on information we have compiled. No guarantee of accuracy or completeness is expressed or implied.

ADCO RESEARCH DEPARTMENT
Prepared by: Julie D. Hirner
Date: September 30, 2008
Replaces MSDS of: March 2, 2004