**IDENTIFY (As Used on Label and List)**

**PHASE II CLEANER**

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

### Section I

**Manufacturer’s Name**

PROFESSIONAL PRODUCTS OF KANSAS, INC.

**Emergency Telephone Number**

CHEMTREC 1-800-424-9300

**Address (Number, Street, City State, and ZIP Code)**

4456 S. Clifton

Wichita, Kansas 67216

**Telephone Number for Information**

1-800-676-7346

**Date Prepared**

September 1, 2012

**Signature of Preparer (optional)**

---

### Section II – Hazardous Ingredients/Identify Information

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Chemical Identity; Common Name(s))</th>
<th>OSHA</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>% (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-Limonene</td>
<td>N/A</td>
<td>N/A</td>
<td>-----</td>
<td>&gt; 9</td>
</tr>
<tr>
<td>C.A.S. # 5989-27-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methyl-1 pyrrolidinone-2</td>
<td>N/A</td>
<td>N/A</td>
<td>-----</td>
<td>13</td>
</tr>
<tr>
<td>C.A.S. # 872-50-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nonyl phenol ethoxylate (9 E.O.)</td>
<td>N/A</td>
<td>N/A</td>
<td>-----</td>
<td>&gt; 1</td>
</tr>
<tr>
<td>C.A.S. # 9016-45-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Section III – Physical/Chemical Characteristics

**Boiling Point**

Based on data for D-Limonene

310° F

**Specific Gravity (H₂O = 1)**

Weighted average

0.86

**Vapor Pressure (mm Hg.)**

Weighted average @ 20° C

1.77

**Melting Point**

N/A

**Evaporation Rate**

(Butyl Acetate = 1) Weighted average

0.44

**Solubility in Water**

Appearance and Odor

Clear, Colorless Liquid, Citrus Odor.

### Section IV – Fire and Explosion Hazard Data

**Flash Point (Method Used)**

(D-Limonene) 46.111° C/115° F

**Flammable Limits**

(Methyl-1 pyrro. -2)

LEL 1.3%

UEL 9.5%

**Extinguishing Media**

Dry chemical, CO₂; water spray or foam. Do not use water jet.

**Special Fire Fighting Procedures**

Small fire: dry chemicals; Large fire: water spray or foam. Do not use water jet.

**Unusual Fire and Explosion Hazards**

Keep container tightly closed. Material supports combustion.
Section V – Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td>XX</td>
<td></td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid)
Slight reactivity with oxidizing agents, organic materials, acids, metals, alkalis.

Hazardous Decomposition or Byproducts
None

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Will Not Occur</td>
<td>XX</td>
</tr>
</tbody>
</table>

Section VI – Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry:</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eyes contact</td>
<td>Yes</td>
<td>Limited</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Health Hazards (Acute and Chronic)
This product may irritate eyes and skin. Repeated or prolonged exposure is not known to aggravate medical condition.

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?
No D-Limonene (Class 4) No

Signs and Symptoms of Exposure
Headache, dizziness, nausea, drowsiness and unconsciousness in high concentrations of vapors in confined area.

Medical Conditions
Generally Aggravated by Exposure None known.

Emergency and First Aid Procedures
Inhalation: Remove to fresh air. Skin: Wash with soap & water. Eyes: Flush with water.
Ingestion – DO NOT INDUCE VOMITTING; drink lots of water. GET MEDICAL ATTENTION.

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Absorb with an inert material and put the spilled material in an appropriate waste disposal. Contain spill if without risk. Keep away from heat and sources of ignition.

Waste Disposal Method
Observe local, state and Federal regulations.

Precautions to Be Taken in Handling and Storing
Combustible material. Keep away from heat and sources of ignition. Keep in a cool, well-ventilated place. Keep container tightly closed.

Other Precautions
Store away from strong oxidizing agents, organic materials and acids.

Section VIII – Control Measure

Respiratory Protection (Specify Type)
Respirator approved by MSHA or NIOSH as appropriate.

Ventilations
Local Exhaust Adequate to keep vapors below TLV Mechanical Special Other Not required

Protective Gloves
Chemical-proof gloves Eye Protection Safety glasses; splash-proof goggles.

Other Protective Clothing or Equipment
Protective covering as required to prevent extended skin contact.

Work/Hygienic Practices
Wash hands thoroughly with soap and water after handling this product.