EMERGENCY OVERVIEW

CONTENTS EXTREMELY FLAMMABLE AND UNDER PRESSURE. STORE BELOW 120°F, OUT OF SUNLIGHT, AND AWAY FROM HEAT SOURCES. DO NOT PUNCTURE OR INCINERATE. AVOID CONTACT WITH SKIN AND EYES. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

SECTION 1 • CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: Chem-Pak, Inc.  
242 Comor Way  
Martinsburg, WV 25401 USA 

SUPPLIER: Pedinol Pharmacal Inc  
30 Banfi Plaza North  
Farmingdale NY 11735

INFORMATION: 800-336-9828 
EMERGENCY: 800-255-3924 (24 hr) Chem-Tel 
PRODUCT NUMBER: P0170CT 
PRODUCT DESCRIPTION: Pedi Pre Tape

CAS NUMBER: Mixture
PRODUCT TYPE: Aerosol
REVISION NUMBER: 2

EMAIL: msds@chem-pak.com
WEBSITE: http://www.chem-pak.com
PRINT DATE: May 3, 2006
PREPARED BY: Safety & Environmental Manager

SECTION 2 • COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NUMBER</th>
<th>OSHA PEL</th>
<th>NIOSH REL</th>
<th>ACGIH PEL</th>
<th>IDLH</th>
<th>% WT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>000067-64-1</td>
<td>1000 ppm</td>
<td></td>
<td></td>
<td></td>
<td>50-60</td>
</tr>
<tr>
<td>Liquefied Petroleum Gas</td>
<td>068476-85-7</td>
<td>1000 ppm</td>
<td>250 ppm</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
<td>2000 ppm</td>
</tr>
<tr>
<td>Isopropyl Acetate</td>
<td>000108-21-4</td>
<td>250 ppm</td>
<td>N/E</td>
<td>250 ppm</td>
<td>1800 ppm</td>
<td>&lt; 10</td>
</tr>
</tbody>
</table>

See Section 11 for LD50 and LC50 Species/Route Information. 
See Sections 15 and 16 for Symbol Letters and R Phases.

SECTION 3 • HAZARD IDENTIFICATION

ROUTES OF ENTRY:

- Skin Contact [✓]
- Skin Absorption [☐]
- Eye Contact [✓]
- Inhalation [✓]
- Ingestion [☐]

EFFECTS OF ACUTE EXPOSURE

EYE: Liquid contact may cause pain along with moderate eye irritation. 
SKIN: Prolonged or repeated exposure may cause skin irritation. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin. 
INGESTION: Due to being an aerosol, the product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation, and possible chemical pneumonitis, bronchopneumonia, or pulmonary edema. 
INHALATION: Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death. Irritation of the mucous membranes, coughing, and dyspnoea are also possible.

OTHER HEALTH HAZARD DATA

EFFECTS OF CHRONIC EXPOSURE: Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as “Solvent or Painter's Syndrome”). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

MEDICAL CONDITIONS AGGRAVATED: May aggravate personnel with pre-existing disorders associated with any of the Target Organs. 
PRIMARY HAZARDS: Sensory Irritation
CARCINOGEN DATA: None of the ingredients are considered carcinogenic by OSHA, IARC, NTP, NIOSH or ACGIH.
TARGET ORGANS: Eyes, skin, respiratory system, central nervous system
MATERIAL SAFETY DATA SHEET

SECTION 4 ● FIRST AID MEASURES

INGESTION: Do not induce vomiting! Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Contact a physician. Never give anything by mouth if victim is rapidly losing consciousness, unconscious, or convulsing.

SKIN: Remove with soap and water. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.

EYE: Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.

NOTES TO PHYSICIAN: N/D

SECTION 5 ● FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY: Heat, sparks, flame, red hot metal

SUITABLE MEANS OF EXTINCTION: Water, CO2, dry chemical, or universal aqueous film forming foam.

UNSUITABLE EXTINGUISHING MEDIA: N/Av

FLASH POINT AND METHOD OF DETERMINATION: Propellant < 0 F, Tagged Closed Cup

FLAMMABLE LIMITS: Lower (LEL): 1.8% @ 25 C Upper (UEL): 9.5% @ 25 C

AUTOIGNITION TEMPERATURE: N/Av

HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon (CO, CO2), smoke, and vapors as products of incomplete combustion.

EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: N/Av

EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: N/Av

SPECIAL FIRE FIGHTING PROCEDES: Use water spray to cool fire exposed aerosol containers, as contents can rupture violently from heat developed pressure. Firemen should wear self-contained breathing apparatus.

SPECIAL FIRE AND EXPLOSION HAZARDS: Contents extremely flammable and under pressure.

SECTION 6 ● ACCIDENTAL RELEASE MEASURES

CONTAINMENT PROCEDURES: Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content should be contained as any other solvent spill.

SPILL CLEANUP: Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.

SPECIAL INSTRUCTIONS: Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilate provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal.

REPORTING REQUIREMENTS: Spills due to the rupture of a single aerosol can are generally below any regulatory reporting requirements. However, if larger spills somehow result, the reporting requirements of all governing agencies should be observed.

SECTION 7 ● HANDLING AND STORAGE

HANDLING: Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use.

STORAGE: Storage of individual cans should be done in an area below 120F, and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended. This product is classified as a Level 1 Aerosol.
SECTION 8 • EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES: Since this product is a mixture, an exposure value is not available. In determination of any exposure procedures, protection, or testing, use the lowest rated ingredient from Section 2.

ENGINEERING AND EXPOSURE CONTROLS: General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest PEL rated ingredient from Section 2.

RESPIRATORY PROTECTION: A NIOSH approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. If respirators are needed, compliance with OSHA standard 29 CFR 1910.134 is necessary within the United States.

SKIN AND HAND PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

EYE PROTECTION: Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.

SECTION 9 • PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/D MELTING/FREEZING POINT: N/D
SPECIFIC GRAVITY (H₂O=1): 0.757 g/cc COEFF. OF WATER/OIL DIST.: N/D
VAPOR PRESSURE: Approx 45 psig pH: Neutral
VAPOR DENSITY: N/D EVAPORATION RATE: Rapid
PHYSICAL STATE: Liquid Under Pressure WATER SOLUBILITY: N/D
PERCENT VOLATILE: 88% Wt (89% Vol) Max VOLATILITY: 1.806 lbs/gal (0.217 g/cc)
PERCENT VOC: 36% Wt (44% Vol) Max MIR VALUE: 0.576
VISCOSITY: N/D ODOR THRESHOLD: N/D
APPEARANCE: Clear Liquid ODOR: Slight

SECTION 10 • STABILITY AND REACTIVITY

CONDITIONS OF INSTABILITY: N/Av STABILITY: Stable
HAZARD POLYMERIZATION: Not expected to occur MATERIAL INCOMPATIBILITY: Strong oxidizers, nitrates, alkalies, acids, chlorine, fluorine
CONDITIONS OF REACTIVITY: Heat, sparks, flame, red hot metal DECOMPOSITION PRODUCTS: Oxides of carbon

SECTION 11 • TOXICOLOGICAL INFORMATION

LD50 AND LC50 SPECIES/ROUTE INFORMATION:

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>ORAL LD50</th>
<th>DERMAL LD50</th>
<th>INHALATION LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>5800 mg/kg, rat</td>
<td>20000 mg/kg, rabbit</td>
<td>76 mg/m3 /4hr, rat</td>
</tr>
<tr>
<td>Liquefied Petroleum Gas</td>
<td>N/Av</td>
<td>N/Av</td>
<td>57.43% v/v, mice</td>
</tr>
<tr>
<td>Isopropyl Acetate</td>
<td>6750 mg/kg, rat</td>
<td>&gt;20000 mg/kg, rabbit</td>
<td>50.6 mg/l /8hr, rat</td>
</tr>
</tbody>
</table>

IRRITANCY OF PRODUCT: Acetone and Isopropyl Acetate are eye irritants
SENSITIZATION TO PRODUCT: N/Av
REPRODUCTIVE TOXICITY: N/Av
TERATOGENICITY: N/Av
MUTAGENICITY: N/Av
SYNERGISTIC PRODUCTS: N/Av

SECTION 12 • ECOLOGICAL INFORMATION

ECOTOXICITY:

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>FISH LC50</th>
<th>DAPHNIA EC50</th>
<th>ALGAEAL LC50</th>
<th>BACTERIAL EC50</th>
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<tbody>
<tr>
<td>Acetone</td>
<td>8300 mg/l /96 hr</td>
<td>12600 mg/l /48 hr</td>
<td>7500 mg/l /8 day</td>
<td>530 mg/l /8 day</td>
</tr>
<tr>
<td>Liquefied Petroleum Gas</td>
<td>N/Av</td>
<td>N/Av</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
<tr>
<td>Isopropyl Acetate</td>
<td>265 mg/l /48 hr</td>
<td>4150 mg/l /24 hr</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
</tbody>
</table>
MOBILITY: N/A
PERSISTANCE: N/A
DEGRADIBILITY: N/A
BIOACCUMULATION: N/A
OTHER ECOLOGIC DATA: Do not allow to enter waters, waste water, or soil.
EFFECT ON OZONE LAYER: This product does not contain any ozone depleting ingredients.

SECTION 13 ● DISPOSAL CONSIDERATIONS

Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

In the United States, an aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.

SECTION 14 ● TRANSPORTATION INFORMATION

DOT SHIPPING INFORMATION (United States)
PROPER SHIPPING NAME: Consumer Commodity
HAZARD CLASS: ORM-D
PACKAGING GROUP: None
UN or ID NUMBER: None

TDG SHIPPING INFORMATION (Canada)
PROPER SHIPPING NAME: Aerosols, Flammable Ltd Qty
HAZARD CLASS: 2.1
PACKAGING GROUP: UN1950
UN or ID NUMBER: UN1950

IMDG SHIPPING INFORMATION (International Ocean)
PROPER SHIPPING NAME: Aerosols, Limited Quantity
CLASS: 2.1
PACKAGING GROUP: P003
EmS NO.: F-D, S-U
STOWAGE: Category A
MFAG NO.: 620

SECTION 15 ● REGULATORY INFORMATION

UNITED STATES - FEDERAL:

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NO.</th>
<th>TSCA</th>
<th>RCRA</th>
<th>CERCLA</th>
<th>SARA 313</th>
<th>CAA</th>
<th>CWA</th>
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</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>✓</td>
<td>✓</td>
<td>U002</td>
<td>5000#</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liquefied Petroleum Gas</td>
<td>68476-85-7</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isopropyl Acetate</td>
<td>108-21-4</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
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UNITED STATES - STATES:

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<thead>
<tr>
<th>INGREDIENT</th>
<th>CA</th>
<th>DE</th>
<th>FL</th>
<th>MA</th>
<th>PA</th>
<th>MN</th>
<th>NJ</th>
<th>NY</th>
<th>WA</th>
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<tbody>
<tr>
<td>Acetone</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>2,4,5,6 F8 F9</td>
<td></td>
<td>ANO</td>
<td></td>
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</tr>
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<td></td>
<td></td>
<td>2,4,6</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

CANADA:
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.
All of the components in this product are listed on the Domestic Substances List (DSL).

**WHMIS Classification:** A, B5, D2B

### EUROPEAN UNION

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>EINECS</th>
<th>SYMBOL</th>
<th>RISK PHRASES</th>
<th>SAFETY PHRASES</th>
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</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>200-662-2</td>
<td>F Xi</td>
<td>11-36-66-67</td>
<td>2-9-16-26</td>
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<tr>
<td>Liquefied Petroleum Gas</td>
<td>270-704-2</td>
<td>F+</td>
<td>12</td>
<td>2-9-16-33</td>
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<tr>
<td>Isopropyl Acetate</td>
<td>203-561-1</td>
<td>F Xi</td>
<td>11-36-66-67</td>
<td>2-16-26-29-33</td>
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### SECTION 16 • OTHER INFORMATION

**HMIS and NFPA RATINGS:**

<table>
<thead>
<tr>
<th>HMIS RATING</th>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
<th>SPECIAL</th>
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<tr>
<td></td>
<td>1</td>
<td>4</td>
<td>0</td>
<td>B</td>
</tr>
<tr>
<td>NFPA RATING</td>
<td>1</td>
<td>4</td>
<td>0</td>
<td>-</td>
</tr>
</tbody>
</table>

**R and S PHASES (European Union):**

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<tr>
<th>CODE</th>
<th>RISK or SAFETY PHRASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>R12</td>
<td>Extremely Flammable</td>
</tr>
<tr>
<td>R36</td>
<td>Irritating to the eyes</td>
</tr>
<tr>
<td>R66</td>
<td>Repeated exposure may cause skin dryness or cracking</td>
</tr>
<tr>
<td>R67</td>
<td>Vapours may cause drowsiness and dizziness</td>
</tr>
<tr>
<td>S2</td>
<td>Keep out of the reach of children</td>
</tr>
<tr>
<td>S9</td>
<td>Keep container in a well-ventilated place</td>
</tr>
<tr>
<td>S16</td>
<td>Keep away from sources of ignition - No smoking</td>
</tr>
<tr>
<td>S26</td>
<td>In case of contact with eyes, rinse immediately with plenty of water and seek medical advice</td>
</tr>
<tr>
<td>S33</td>
<td>Take precautionary measures against static discharges</td>
</tr>
</tbody>
</table>

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**REVISIONS:**

Revision 2 - 05/03/2006 ............ New Format