1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Klean-Strip Industrial Maintenance Coating Thinner
Company Name: W. M. Barr
Phone Number: (901)775-0100

2105 Channel Avenue
Memphis, TN 38113

Web site address: www.wmbarr.com

Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892

Intended Use: Paint, stain, and varnish thinning.

Synonyms: CKIM14630, GKIM24630, QKIM34630

Additional Information
This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.

2. HAZARDS IDENTIFICATION

Flammable Liquids, Category 2
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2
Germ Cell Mutagenicity, Category 1B
Specific Target Organ Toxicity (single exposure), Category 3
Aspiration Toxicity, Category 1

GHS Signal Word: Danger

GHS Hazard Phrases:
H225: Highly flammable liquid and vapor.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H340: May cause genetic defects.

GHS Precaution Phrases:
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233: Keep container tightly closed.
P235: Keep cool.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing gas/mist/vapors/spray.
P264: Wash hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P281: Use personal protective equipment as required.
P295: Keep out of reach of children.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+313: IF exposed or concerned: Get medical attention/advice.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P321: Specific treatment see label.
P331: Do NOT induce vomiting.
P332+313: If skin irritation occurs, get medical advice/attention.
P337+313: If eye irritation persists, get medical advice/attention.
P362: Take off contaminated clothing and wash before re-use.
P370+378: In case of fire, use dry chemical powder to extinguish.
P403+233: Store container tightly closed in well-ventilated place.
P405: Store locked up.
P501: Dispose of contents/container according to local, state and federal regulations.
P403+233: Store container tightly closed in well-ventilated place.
P405: Store locked up.
P501: Dispose of contents/container according to local, state and federal regulations.
Chronic effects of ingestion and subsequent aspiration into the lungs may cause pneumatocele (lung cavity) formation and chronic lung dysfunction.

TARGET ORGANS: kidneys, lungs, liver, mucous membranes, upper respiratory tract, skin, eyes, central nervous system

Medical Conditions Generally Aggravated By Exposure:

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
<th>RTECS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-89-8</td>
<td>Light aliphatic solvent naphtha (petroleum)</td>
<td>15.0 -40.0 %</td>
<td>NA</td>
</tr>
<tr>
<td>141-78-6</td>
<td>Acetic acid, ethyl ester (Ethyl acetate)</td>
<td>15.0 -40.0 %</td>
<td>AH5425000</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>Petroleum Hydrocarbons</td>
<td>10.0 -30.0 %</td>
<td>WF3400000</td>
</tr>
<tr>
<td>95-63-6</td>
<td>1,2,4-Trimethylbenzene (Pseudocumene)</td>
<td>7.0 -13.0 %</td>
<td>DC3325000</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene (mixed isomers) (Benzene, dimethyl-)</td>
<td>1.0 -5.0 %</td>
<td>ZE2100000</td>
</tr>
</tbody>
</table>

Specific percentage of composition is being withheld as a trade secret.

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

Skin:
Immediately begin washing the skin thoroughly with large amounts of water and mild soap, if available, while removing contaminated clothing. Seek medical attention if irritation persists.

Eyes:
Immediately begin to flush eyes with water, remove any contact lens. Continue to flush the eyes for at least 15 minutes. Seek medical attention.

Inhalation:
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion:
If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician, hospital emergency room, or poison control center immediately. Never give anything by mouth to an unconscious person.

Signs and Symptoms Of Exposure:
See Potential Health Effects.
5. FIRE FIGHTING MEASURES

Flammability Classification: NFPA Class IB
Flash Pt: 35.00°F  Method Used: Setaflash Closed Cup (Rapid Setaflash)
Explosive Limits: LEL: 0.9 %  UEL: ~6.0 %
Autoignition Pt: No data.
Suitable Extinguishing Media: Use carbon dioxide, dry powder, water spray, or alcohol-resistant foam.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:
Vapors may cause flash fire or ignite explosively.
Clean up: Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. Use non-sparking tools. Use proper bonding and grounding methods for all equipment and processes. Keep out of waterways and bodies of water. Be cautious of vapors collecting in small enclosed spaces, sewers, low lying areas, confined spaces, etc.

Small spills: Take up with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable.

Large spills: Dike far ahead of spill for later disposal.

Waste Disposal: Dispose in accordance with applicable local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:
Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.
Do not use this product near any source of heat or open flame, furnace areas, pilot lights, stoves, etc.
Do not use in small enclosed spaces, such as basements and bathrooms. Vapors can accumulate and explode if ignited.

Precautions To Be Taken in Storing:
Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Partial Chemical Name</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-89-8</td>
<td>Light aliphatic solvent naphtha (petroleum)</td>
<td>PEL: 100 ppm</td>
<td>TLV: 300 ppm</td>
<td>No data.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 500 ppm/(10min)</td>
<td>STEL: 150 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CEIL: 300 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>141-78-6</td>
<td>Acetic acid, ethyl ester (Ethyl acetate)</td>
<td>PEL: 400 ppm</td>
<td>TLV: 400 ppm</td>
<td>No data.</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>Petroleum Hydrocarbons</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
<tr>
<td>95-63-6</td>
<td>1,2,4-Trimethylbenzene (Pseudocumene)</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene (mixed isomers) (Benzene, dimethyl-)</td>
<td>PEL: 100 ppm</td>
<td>TLV: 100 ppm</td>
<td>No data.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 150 ppm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Respiratory Equipment (Specify Type):**

For use in areas with inadequate ventilation or fresh air, wear a properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors.

For OSHA controlled work places and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding the appropriate TLV.

A dust mask does not provide protection against vapors.

**Eye Protection:**

Chemical splash goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury.

**Protective Gloves:**

Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile rubber may provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused.

**Other Protective Clothing:**

Various application methods can dictate the use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.

**Engineering Controls (Ventilation etc.):**

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Use only with adequate ventilation to prevent buildup of vapors. Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.

**Work/Hygienic/Maintenance Practices:**

A source of clean water should be available in the work area for flushing eyes and skin.

Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use.

Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical States</td>
<td>[ ] Gas       [ X ] Liquid       [ ] Solid</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Free and clear, water white.</td>
</tr>
<tr>
<td>Melting Point</td>
<td>No data.</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>No data.</td>
</tr>
<tr>
<td>Autoignition Pt</td>
<td>No data.</td>
</tr>
<tr>
<td>Flash Pt</td>
<td>35.00 °F   Method Used:  Setaflash Closed Cup (Rapid Setaflash)</td>
</tr>
<tr>
<td>Melting Point</td>
<td>No data.</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>No data.</td>
</tr>
<tr>
<td>Autoignition Pt</td>
<td>No data.</td>
</tr>
<tr>
<td>Explosive Limits</td>
<td>LEL: 0.9 %   UEL: ~6.0 %</td>
</tr>
<tr>
<td>Specific Gravity (Water = 1)</td>
<td>0.833</td>
</tr>
<tr>
<td>Density</td>
<td>6.95 LB/GL</td>
</tr>
<tr>
<td>Vapor Pressure (vs. Air or mm Hg)</td>
<td>47.6 MM HG   at  68.0 °F</td>
</tr>
<tr>
<td>Vapor Density (vs. Air = 1)</td>
<td>&gt; 1</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>&gt; 1</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>none</td>
</tr>
<tr>
<td>Viscosity</td>
<td>water thin</td>
</tr>
<tr>
<td>Percent Volatile</td>
<td>100.0 % by weight.</td>
</tr>
<tr>
<td>VOC / Volume</td>
<td>833.0000 G/L</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Unstable [ ]   Stable [ X ]</td>
</tr>
<tr>
<td>Conditions To Avoid</td>
<td>No data available.</td>
</tr>
<tr>
<td>Instability</td>
<td></td>
</tr>
<tr>
<td>Incompatibility - Materials To</td>
<td>Incompatible with strong oxidizing agents, acids, and alkalies.</td>
</tr>
<tr>
<td>Avoid</td>
<td></td>
</tr>
<tr>
<td>Hazardous Decomposition Or</td>
<td>Decomposition may produce carbon monoxide and carbon dioxide.</td>
</tr>
<tr>
<td>Byproducts</td>
<td></td>
</tr>
<tr>
<td>Possibility of Hazardous Reactions:</td>
<td>Will occur [ ]   Will not occur [ X ]</td>
</tr>
<tr>
<td>Conditions To Avoid</td>
<td>No data available.</td>
</tr>
<tr>
<td>Hazardous Reactions</td>
<td></td>
</tr>
</tbody>
</table>
11. TOXICOLOGICAL INFORMATION

Toxicological Information: This product has not been tested as a whole. Refer to section 2 for acute and chronic effects.

Carcinogenicity/Other Information:

CAS# 141-78-6:
Standard Draize Test, Eyes, Human, 400.0 PPM.
Result:
Liver: Hepatitis (hepatocellular necrosis), zonal.
- Journal of Industrial Hygiene and Toxicology, Vol/p/yr: 25,282, 1943

CAS# 64742-95-6:
Acute toxicity, LD50, Oral, Rat, 8400. MG/KG.
Result:
Behavioral: Somnolence (general depressed activity).
Behavioral: Tremor.
Lungs, Thorax, or Respiration: Other changes.
- National Technical Information Service, Vol/p/yr: OTS0534799,

Standard Draize Test, Eyes, Species: Rabbit, 100.0 UL, 24 H, Mild.
Result:
Brain and Coverings: Changes in surface EEG.
Blood: Changes in serum composition (e.g.
Related to Chronic Data - changes in testicular weight.
- National Technical Information Service, Vol/p/yr: OTS0534779,

CAS# 1330-20-7:
Acute toxicity, LC50, Inhalation, Rat, 5000. PPM, 4 H.
Result:
Behavioral: Muscle contraction or spasticity.
Lungs, Thorax, or Respiration: Other changes.

Standard Draize Test, Eyes, Species: Rabbit, 5.000 MG, 24 H, Severe.
Result:
Behavioral: General anesthetic.
Behavioral: Somnolence (general depressed activity).
Behavioral: Irritability.
ACGIH A4 - Not Classifiable as a Human Carcinogen.

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
</table>

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64742-89-8  Light aliphatic solvent naphtha (petroleum)  n.a.  n.a.  n.a.  n.a.
141-78-6  Acetic acid, ethyl ester  {Ethyl acetate}  n.a.  n.a.  n.a.  n.a.
64742-95-6  Petroleum Hydrocarbons  n.a.  n.a.  n.a.  n.a.
95-63-6  1,2,4-Trimethylbenzene  {Pseudocumene}  n.a.  n.a.  n.a.  n.a.
1330-20-7  Xylene (mixed isomers)  {Benzene, dimethyl-}  n.a.  3  A4  n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information:  This product has not been tested as a whole.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:  Dispose in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:  Paint Related Material
DOT Hazard Class:  3  FLAMMABLE LIQUID
UN/NA Number:  UN1263  Packing Group:  II

Additional Transport Information:  The shipper/supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>S. 302 (EHS)</th>
<th>S. 304 RQ</th>
<th>S. 313 (TRI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-89-8</td>
<td>Light aliphatic solvent naphtha (petroleum)</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>141-78-6</td>
<td>Acetic acid, ethyl ester  {Ethyl acetate}</td>
<td>No</td>
<td>Yes 5000 LB</td>
<td>No</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>Petroleum Hydrocarbons</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>95-63-6</td>
<td>1,2,4-Trimethylbenzene  {Pseudocumene}</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene (mixed isomers)  {Benzene, dimethyl-}</td>
<td>No</td>
<td>Yes 100 LB</td>
<td>Yes</td>
</tr>
</tbody>
</table>

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:
- [X] Yes  [ ] No  Acute (immediate) Health Hazard
- [X] Yes  [ ] No  Chronic (delayed) Health Hazard
- [X] Yes  [ ] No  Fire Hazard
- [ ] Yes  [X] No  Sudden Release of Pressure Hazard
- [ ] Yes  [X] No  Reactive Hazard

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Other US EPA or State Lists</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-89-8</td>
<td>Light aliphatic solvent naphtha (petroleum)</td>
<td>CAA HAP,ODC: No;  CWA NPDES: No;  TSCA: Yes - Inventory;  CA PROP.65: No</td>
</tr>
<tr>
<td>141-78-6</td>
<td>Acetic acid, ethyl ester  {Ethyl acetate}</td>
<td>CAA HAP,ODC: No;  CWA NPDES: No;  TSCA: Yes - Inventory, 4 Test;  CA PROP.65: No</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>Petroleum Hydrocarbons</td>
<td>CAA HAP,ODC: No;  CWA NPDES: No;  TSCA: Yes - Inventory</td>
</tr>
<tr>
<td>95-63-6</td>
<td>1,2,4-Trimethylbenzene  {Pseudocumene}</td>
<td>CAA HAP,ODC: No;  CWA NPDES: No;  TSCA: Yes - Inventory;  CA PROP.65: No</td>
</tr>
</tbody>
</table>

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16. OTHER INFORMATION

Revision Date: 04/13/2015
Preparer Name: W.M. Barr EHS Department (901)775-0100

Additional Information About This Product: No data available.

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