1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Klean Strip Rust Remover

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

Information: W.M. Barr Customer Service

(800)451-8346

(800)398-3892

Phone Number:

Intended Use: Removes rust and rust stains

Synonyms: WRK37

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

Corrosive To Metals, Category 1

Skin Corrosion/Irritation, Category 1B

Serious Eye Damage/Eye Irritation, Category 1

GHS Signal Word: Danger

GHS Hazard Phrases:
H290: May be corrosive to metals.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.

GHS Precaution Phrases:
P234: Keep only in original container.
P260: Do not breathe gas/mist/vapors/spray.
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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.
P310: Immediately call a POISON CENTER or doctor/physician.
P321: Specific treatment see label.
P363: Wash contaminated clothing before reuse.
P390: Absorb spillage to prevent material damage.

GHS Storage and Disposal Phrases:
P405: Store locked up.
P501: Dispose of contents/container according to local, state and federal regulations.
Hazard Rating System:

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic):

INHALATION:
Can cause irritation or corrosive burns to the upper respiratory system, including nose, mouth, and throat. Lung irritation and pulmonary edema can also occur.

SKIN CONTACT:
May cause irritation with pain and stinging, especially if the skin is abraded. May cause skin burns. May be absorbed through intact skin, but has been considered toxicologically insignificant.

EYE CONTACT:
Substance is corrosive. Causes eye irritation. May produce a burning sensation, redness, tearing, inflammation, and possible corneal injury. May cause burns and blindness.

INGESTION:
Causes irritation and can cause corrosive burns to the mouth, throat and stomach. Can be fatal if swallowed. Causes gastrointestinal irritation with nausea, vomiting and diarrhea. May cause kidney damage. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Aspiration into the lungs may cause chemical pneumonitis.

CHRONIC EXPOSURE EFFECTS: Long term exposure may cause upper respiratory disease and irritation of the skin.

TARGET ORGANS: kidney, upper respiratory system, lung, central nervous system, eyes and skin

ROUTES OF EXPOSURE: inhalation, ingestion, absorption

Medical Conditions Generally Aggravated By Exposure: Diseases of the skin and respiratory system/lungs.

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>7664-38-2</td>
<td>Phosphoric acid  {Orthophosphoric acid}</td>
<td>15.0 -40.0 %</td>
<td>TB63000000</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol  {sec-Propyl alcohol; IPA; 2-Propanol}</td>
<td>3.0 -7.0 %</td>
<td>NT80500000</td>
</tr>
<tr>
<td>1341-49-7</td>
<td>Ammonium bifluoride  {Ammonium hydrogen difluoride; Ammonium acid fluoride}</td>
<td>&lt; 1.0 %</td>
<td>BQ9200000</td>
</tr>
</tbody>
</table>

Additional Chemical Information
Specific percentage of composition is being withheld as a trade secret.
4. FIRST AID MEASURES

Skin:
Remove contaminated clothing. Immediately wash skin thoroughly with large amounts of water for at least 15 minutes. Seek medical attention.

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. Give one or two glasses of water, or milk if available. Seek immediate medical attention. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Note to Physician:
Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

Flash Pt: NA

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Non-combustible liquid - use extinguishing media for underlying cause of fire.

Unsuitable Extinguishing Media: None known.

Fire Fighting Instructions:
No special instructions required. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear. Keep containers cool with water spray.

Flammable Properties and Hazards:
FLASHPOINT: NO FLASH TO BOILING

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:
Isolate the immediate area. Prevent unauthorized entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to compatible containers. For large spills, dike ahead of the spill.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:
Carefully read all cautions and directions on the product label before use. Protect hands with solvent-resistant gloves, and eyes with safety glasses. Use in areas with adequate ventilation. Avoid breathing vapors or mist and contact with the skin and eyes.

Precautions To Be Taken in Storage:
Close container and store upright after each use. Do not reuse the container. Store out
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>7664-38-2</td>
<td>Phosphoric acid (Orthophosphoric acid)</td>
<td>PEL: 1 mg/m³</td>
<td>TLV: 1 mg/m³</td>
<td>No data.</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol (sec-Propyl alcohol; IPA; 2-Propanol)</td>
<td>PEL: 400 ppm</td>
<td>TLV: 200 ppm</td>
<td>No data.</td>
</tr>
<tr>
<td>1341-49-7</td>
<td>Ammonium bifluoride (Ammonium hydrogen difluoride; Ammonium acid fluoride)</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
</tbody>
</table>

Respiratory Equipment (Specify Type):
For OSHA controlled workplace and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for acid vapors. A dusk mask does not provide protection against vapors.

Eye Protection:
Where there is potential for eye contact, wear chemical goggles, or a faceshield. Safety glasses should be worn at a minimum, but do not provide 100% protection from splashing or spraying chemical. Have eye flushing equipment immediately available.

Protective Gloves:
Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile 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 use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Remove contaminated clothing and wash separately before reuse.

Engineering Controls (Ventilation etc.):
Use only with adequate ventilation.

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. 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:
Wash hands thoroughly after use and before eating, drinking, or smoking.

Do not eat, drink, or smoke in the work area.

Discard any clothing or other protective equipment that cannot be decontaminated.

Facilities storing or handling this material should be equipped with an emergency
9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [ ] Gas [ X ] Liquid [ ] Solid
Appearance and Odor: hazy, pink, viscous liquid
Melting Point: No data.
Boiling Point: No data.
Autoignition Pt: No data.
Flash Pt: NA
Explosive Limits: LEL: No data. UEL: No data.
Specific Gravity (Water = 1): No data.
Density: 9.5 LB/GL
Vapor Pressure (vs. Air or mm Hg): 2 MM HG at 68.0 F
Vapor Density (vs. Air = 1): No data.
Evaporation Rate: No data.
Solubility in Water: No data.

10. STABILITY AND REACTIVITY

Stability: Unstable [ ] Stable [ X ]
Conditions To Avoid - Instability: No data available.
Incompatibility - Materials To Avoid: acids, bases, strong oxidizers
Hazardous Decomposition or Byproducts: carbon monoxide, carbon dioxide
Possibility of Hazardous Reactions: Will occur [ ] Will not occur [ X ]
Conditions To Avoid - Hazardous Reactions: No data available.
11. TOXICOLOGICAL INFORMATION

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

Chronic Toxicological Effects:

CAS# 7664-38-2:
Standard Draize Test, Skin, Species: Rabbit, 595.0 MG, 24 H, Severe.
Result:
Blood: Other changes.
Biochemical: Metabolism (Intermediary): Other proteins.

Standard Draize Test, Eyes, Species: Rabbit, 119.0 MG, Severe.
Result:
Blood: Other hemolysis with or without anemia.
Blood: Other changes.
Biochemical: Metabolism (Intermediary): Other proteins.

This product has not been tested as a whole.

<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>
<tbody>
<tr>
<td>7664-38-2</td>
<td>Phosphoric acid (Orthophosphoric acid)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol (sec-Propyl alcohol; IPA; 2-Propanol)</td>
<td>n.a.</td>
<td>3</td>
<td>A4</td>
<td>n.a.</td>
</tr>
<tr>
<td>1341-49-7</td>
<td>Ammonium bifluoride (Ammonium hydrogen difluoride; Ammonium acid fluoride)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

General Ecological Information: No information available for this product as a whole.

13. DISPOSAL CONSIDERATIONS

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

Do not allow material to enter bodies of water or sewers.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Corrosive Liquid, n.o.s., Ltd. Qty. (Phosphoric Acid, Ammonium Bifluoride)
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: 1760 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>7664-38-2</td>
<td>Phosphoric acid {Orthophosphoric acid}</td>
<td>No</td>
<td>Yes 5000 LB</td>
<td>No</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol {sec-Propyl alcohol; IPA; 2-Propanol}</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>1341-49-7</td>
<td>Ammonium bifluoride {Ammonium hydrogen difluoride; Ammonium acid fluoride}</td>
<td>No</td>
<td>Yes 100 LB</td>
<td>No</td>
</tr>
</tbody>
</table>

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

CAS #   | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>7664-38-2</td>
<td>Phosphoric acid {Orthophosphoric acid}</td>
<td>CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol {sec-Propyl alcohol; IPA; 2-Propanol}</td>
<td>CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No</td>
</tr>
<tr>
<td>1341-49-7</td>
<td>Ammonium bifluoride {Ammonium hydrogen difluoride; Ammonium acid fluoride}</td>
<td>CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

Revision Date: 05/08/2015
Preparer Name: W.M. Barr EHS Dept (901)775-0100

Additional Information About This Product: No data available.

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