**SECTION I - PRODUCT INFORMATION**

**Product (Trade) Name:** KitchenBrite DeLiner  
**Manufacturer's Name:** The ServiceMaster Company  
**Address:** One ServiceMaster Way - Downers Grove, IL 60515  
**Emergency Telephone No.:** (708) 964-1300  
**Chemical Name and Synonyms:**  
- Phosphoric acid  
- N/A  
**DOT Hazard Class:** Corrosive Liquid, N.O.S. (Phosphoric Acid)  
**DOT ID Number:** NA 1700  

**SECTION II - HAZARDOUS INGREDIENTS**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
<th>WL by %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Listed as Carcinogenic by IARC, NTP, OSHA, ACGIH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>30-35</td>
<td>1 mg/m³</td>
<td>1 mg/m³</td>
<td>3 mg/m³</td>
</tr>
</tbody>
</table>

In accordance with OSHA’s Hazard Communication Standard, ingredients listed in this section are those identified as being hazardous and present at concentrations greater than 1%, or greater than 0.1% if the substance is a listed carcinogen. Information concerning ingredients identified as “Proprietary” will be made available as provided in 29 CFR 1910.1200(i).  

**SECTION III - PHYSICAL DATA**

- **Boiling Point (°F):** N/D  
- **Vapor Pressure (mm Hg):** N/D  
- **Vapor Density (Air = 1):** 1  
- **Solubility in Water:** Complete  
- **Appearance and Odor:** Odorless transparent liquid.  
- **pH of Concentrate:** 2

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

- **Flash Point (Tag, Closed Tester):** N/A  
- **Flammable Limits (%):** LEL, N/A  
- **Extinguishing Media:** Not combustible. Use media appropriate to materials actually involved in fire.  
- **Special Fire Fighting Procedures:** None.

**SECTION V - HEALTH HAZARD DATA**

**Primary Route(s) of Exposure:** Skin contact, inhalation  
**Threshold Limit Value:** N/D for mixture. See Section II for TLV of hazardous ingredients.  
**Effects of Overexposure**  
- **Acute:**  
  - By Inhalation: Mist can cause damage to nasal and respiratory passages. Can cause severe acid burns if eyes contacted directly.  
  - By Eye Contact: Can cause severe acid burns. Absorption will not occur if skin is not broken.  
  - By Skin Contact:  
  - By Ingestion: Licking and damage to mucous membranes.  
- **Chronic:** None known.  
- **Medical Conditions Generally Aggravated by Exposure:** Some pre-existing skin and respiratory disorders.  

**Emergency and First Aid Procedures**

- **For Inhalation:** Remove to fresh air immediately. Support respiration if necessary. Get medical attention.  
- **For Eye Contact:** Immediately flush with water for 15 minutes. Lift upper and lower lids occasionally to ensure flushing of entire eye surface. Get medical attention. Prompt treatment is important to minimize effects.

**Stability:** Stable  
**Conditions to Avoid:** Do not mix with chlorine bleach or any other materials containing chlorine.  
**Incompatibility (Materials to Avoid):** Reactive metals (aluminum, mild steel). Vigorous reaction with those materials: lime soda ash, caustic soda, etc. Chlorine containing materials.  
**Hazardous Decomposition Products:** When involved in fire or at equivalent temperatures, contained phosphoric acid will emit toxic phosphorus oxide fumes.  
**Hazardous Polymerization:** Will not occur.

**SECTION VI - REACTIVITY DATA**

**SECTION VII - SPILL OR LEAK PROCEDURES**

**Conditions to Avoid:** Do not mix with chlorine bleach or any other materials containing chlorine.

**Incompatibility (Materials to Avoid):** Reactive metals (aluminum, mild steel). Vigorous reaction with those materials: lime soda ash, caustic soda, etc. Chlorine containing materials.

**Hazardous Decomposition Products:** When involved in fire or at equivalent temperatures, contained phosphoric acid will emit toxic phosphorus oxide fumes.

**Hazardous Polymerization:** Will not occur.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

- **Respiratory Protection:** Use NIOSH-approved acid gas respirator.
- **Ventilation:** Use in well-ventilated area. If necessary, provide sufficient local exhaust to maintain exposure below TLV (see Section III).
- **Protective Gloves:** NBR
- **Eye Protection:** Chemical splash goggles.
- **Other Protective Equipment:** Impervious clothing or apron as required to limit skin contact.

**SECTION IX - SPECIAL PRECAUTIONS**

**Precautions to be taken in handling and storing:** Store away from heat and separate from strong acids.

**Other precautions:** Avoid contact with skin and eyes.

**SECTION X - ADDITIONAL INFORMATION**

**SARA 313 Information:** This product contains the following substances which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

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**Prepared By:** James R. Keith  
**Title:** Occupational Safety and Health Coordinator  
**Date of Preparation:** January 17, 1994  
**Supersedes previous form dated:** April 19, 1988