Safety Data Sheet

Section 1: Identification
Name: Massco - BARNACLE BUSTER - Lime Solvent
Date Issued: 9-17-13
Other Name: N/A
Massco Code: MAS1085171
Recommended Use: Remove lime scale
Supplier Information: Massco Inc. 1837 S. Meridian, Wichita, KS 67213
Emergency Telephone: 800-424-9300
Product Information: 800-555-8774

Section 2: Hazard(s) Identification

Potential Health Effects
Acute Effects:
Eye: Direct contact will cause burns
Skin: Direct contact will cause acidic burns
Inhalation: Will cause irritation to mucous membranes
Ingestion: Will cause damage to tissue

Prolonged/Repeated Exposure Effects:
Eye: Damage to eyes and mucous membranes
Skin: Will cause acidic burns to skin
Inhalation: Will cause irritation to mucous membranes
Ingestion: Will cause damage to mucous membranes and tissue

** The above listed potential effects are compiled based on a review of all component SDS's **

Section 3: Composition Information on Ingredients

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
<th>% by Vol</th>
<th>RO#</th>
<th>OSHA</th>
<th>TWA</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>7664-38-4</td>
<td>Phosphoric Acid 75%</td>
<td>27-32</td>
<td>5000</td>
<td>No Data</td>
<td>No Data</td>
<td></td>
</tr>
<tr>
<td>7647-01-0</td>
<td>Hydrochloric Acid</td>
<td>&lt;5</td>
<td>5000</td>
<td>5ppm</td>
<td>No Data</td>
<td></td>
</tr>
</tbody>
</table>

%Phosphorus in product: 7.1%

** Components listed above are hazardous as defined in 29 CFR 1910.1200. Their quantities are proprietary. All remaining components are considered non-hazardous and proprietary in their quantities **

Section 4: First Aid Measures

Eye: Flush affected area with large quantities of water for at least 15 minutes. Obtain medical attention if irritation persists.
Skin: Flush affected area with large quantities of water for at least 15 minutes. Obtain medical attention if irritation persists.
Inhalation: If symptoms are experienced, remove victim to fresh air. Obtain medical attention if irritation persists.
Ingestion: Obtain medical attention.

Section 5: Fire Fighting Measures

Flash Point: N/A
Auto ignition Temperature: Not Determined
Flammability Limits: N/A
Extinguishing Media: Select extinguisher suitable for surrounding fire
Unusual Fire Hazards: N/A

Fire Fighting Methods: Use methods suitable for surrounding fire.

Section 6: Accidental Release Measures

Containment and Clean up: Observe all personal protective equipment noted in sections 5 and 8. Observe local, state, and federal laws and regulations that may apply to a release and disposal of this material.

Section 7: Handling and Storage

Store containers in an upright position. Ensure container lids are in place and secure when not in use.

Section 8: Exposure Controls

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<tr>
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</tbody>
</table>
Engineering Controls: Use with adequate ventilation.

PPE for Routine Handling and Spills: Wear safety glasses and chemical resistant gloves.

Eyes: Safety glasses recommended

Skin: Chemical protective gloves are recommended

Inhalation: No respiratory protection required w/ adequate ventilation

**Section 9: Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Physical Form: Liquid</th>
<th>Odor: NIL</th>
<th>Freezing/Melting Point: N/D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color: Blue</td>
<td>Specific Gravity: Similar to Water</td>
<td>pH: 6.5-6.9</td>
</tr>
<tr>
<td>Boiling Point: N/D</td>
<td>Viscosity: N/D</td>
<td>Vapor Density: N/D</td>
</tr>
<tr>
<td>Vapor Pressure: N/D</td>
<td></td>
<td></td>
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**Section 10: Stability and Reactivity**

Chemical Stability: Stable

Hazardous Polymerization: Will not Occur

Conditions to Avoid: N/A

Materials to Avoid: N/A

Hazardous Decomposition Products: N/A

**Section 11: Toxicological Information**

Special Hazard Information on Components: No known applicable information

Listed on NTP Report? No

Listed on IARC (Suspected Carcinogen)? No

**Section 12: Ecological Information**

Exotoxicity: N/D

Bio accumulative Potential: N/D

Persistence and Degradability: Similar to water

Mobility in Soil? N/D

**Section 13: Disposal Considerations**

Review all federal, state and local laws regarding disposal of this product.

**Section 14: Transportation Information**

DOT Shipment Information (49 CRF 172.101): Non Dot Regulated

**Section 15: Regulatory Information**

Contents of this SDS comply with OSHA's Hazard Communication Standard 29 CRF 1910.1200.

TSCA Status: None of the chemical substances appearing on this SDS are subject to the Toxic Substances Control Act (TSCA) section 12(b) export notification requirements delineated at 40 CFR part 707, subpart D.

EPA SARA Title III Chemical Listings: N/A

CERCLA Hazardous Substances: N/A

Section 311/312 Hazard Class: N/A

Section 313 Toxic Chemicals: N/A

**Section 16: Other Information**

Prepared by: J. Chantz Horman on 9/17/13. The industrial hygiene and safe handling procedures are believed to be applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.