PRODUCT SAFETY DATA SHEET
GHS COMPLIANT
Liquid Hammer

Section 1 – Product and Company Information

GHS Product Identification
Product Name: Liquid Hammer

Other Identification Information
CAS Number: Proprietary
Florida Chemical ID: 19220
Chemical Formula: Mixture
Synonyms: No synonyms

Recommended Use and Restrictions on Use
Description and Uses: Concrete Eliminator Series

Supplier Information
Distributed By: Florida Chemical Supply, Inc
6810 East Chelsea Street
Tampa, FL 33610
Phone (Non Emergency) 813.623.1274

Emergency Phone Number
24 Hour Emergency Phone: 800.255.3924 (Chemtel)
SAFETY DATA SHEET
Liquid Hammer

Section 2 – Hazard Information

Classification of the Substance or Mixture
Skin Irritation 4

GHS Label Elements
GHS Pictogram:
No Pictogram Required

Signal Word: WARNING
Hazard Statements: H316: Causes mild skin irritation

Precautionary Statements: P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P332+313: If skin irritation occurs: Get medical advice/attention
P337+313: If eye irritation persists get medical advice/attention

Other Hazards Not Resulting In Classification

HMIS:

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>0</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>A</td>
</tr>
</tbody>
</table>

Special Medical Response: Physicians and first responders should bear in mind that exposure to this product may have been accompanied by exposure to other chemicals. Check all relevant Safety Data Sheets for first aid and treatment options.
Section 3 – Hazardous Composition

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Wt. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret per 29 CFR</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>1910.1200,757</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4 – First Aid Information

**Necessary First Aid Measures**

**Skin Exposure:** Wash skin with plenty of soap and water; rinse for fifteen minutes. If symptoms persist, seek medical attention.

**Eye Exposure:** Flush with clean water for fifteen minutes. Remove contact lenses. If symptoms persist, seek medical attention.

**Inhalation Exposure:** Remove person to fresh air and treat symptomatically. If symptoms persist, seek medical attention.

**Ingestion:** Do not induce vomiting. Give several large glasses of water to drink. Seek medical attention if any symptoms persist.

**Most Important Symptoms Acute and Delayed**

**Acute Effects:** Not expected to cause any serious health effects, however, exposure may cause some irritation.

**Delayed Effects:** Irritation to mouth and throat possible for chronic inhalation of large amounts of vapors.

**Immediate Medical Attention or Special Treatment Requirements**

**NOTE TO PHYSICIAN:** This product is not expected to cause any major health problems due to exposure. It is classified as a skin and eye irritant, and in typical cases does not create lasting or permanent damage.
SECTION 5 – Firefighting Precautions

Suitable Extinguishing Media: 
Suitable for surrounding fire.

Specific Fire Hazards Arising from the Chemical: 
Fire may cause release of harmful gasses.

Special Protective Measures for Firefighters 
PPE for Firefighter: 
Suitable for surrounding fire.

Personal Precautions: 
See Section 8 for personal protection information.

PPE Requirements: 
Suitable for surrounding fire.

Precautionary Measures: 
No special precautions necessary.

SECTION 6 – Accidental Release Measures

For Non-Emergency Personnel 
All untrained, non-essential, and non-responding personnel should be evacuated from the immediate area of the spill without delay. If Personal Protective Equipment is necessary to achieve evacuation safely, see Section 8 for requirements.

For Emergency / Response Personnel 

Protective Equipment: 
See Section 8 for personal protection information.

Environmental Precautions: 
Keep from entering waterways or public sewers. This product is not considered especially environmentally hazardous, however, it is always best to prevent contamination of ground water and / or ecosystems through accidental discharge.

Methods and Materials for Cleanup 
Dike product to prevent it from reaching waterways or public sewers. Contain source of spill if safe to do so. Clean up using inert chemical absorbents, and store in suitable containers. Dispose of in accordance with local, state and federal regulations.
SECTION 7 – Handling and Storage

Precautions for Safe Handling

Wear proper PPE when handling and using this product (See Section 8). Keep away from children. For use by trained personnel, only. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Although this product is not expected to cause serious medical conditions, as with all chemicals, it is most advisable to prevent prolonged or concentrated exposure.

Conditions for Safe Storage, Including Incompatibilities

Storage: Keep in a cool, dry, well-ventilated storage space. Do not store near strong oxidizers or bases. Keep container closed when not in use.

Incompatible Materials: Strong alkalis, bleach

Incompatible Conditions: Extreme temperatures, excessive moisture, direct sunlight

SECTION 8 – Exposure Controls and Personal Protection

Control Parameters

Exposure Limits: OEL: 250 ppm / 8 hr OSHA PEL: 200 ppm / 12 hr

Appropriate Engineering Controls

Mechanical ventilation in enclosed spaces, areas with little to no natural ventilation. Safety eyewash and chemical shower nearby.

Individual Protection Measures

Gloves: Chemical resistant disposable latex, nitrile or neoprene gloves.

Respiratory: If product is not used in a well-ventilated area, NIOSH approved respirator with acid cartridge is preferred.

Eyes: Chemical resistant glasses with side shields.

Other Protection: Standard chemical resistant clothing and workboots as specified by OSHA regulations and local workplace safety procedures.

Industrial Hygiene: Wash hands thoroughly after handling this product and before eating, drinking, smoking or using the restroom.
SAFETY DATA SHEET
Liquid Hammer

SECTION 9 – Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear Amber Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Burnt Sugar</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Burnt Sugar</td>
</tr>
<tr>
<td>pH</td>
<td>2.00 - 2.25</td>
</tr>
<tr>
<td>Melt/Freeze Point</td>
<td>No available data</td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>212 F / 100 C</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Flammable</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Clear Amber Liquid</td>
</tr>
<tr>
<td>Flammability (solid/gas)</td>
<td>Not Flammable</td>
</tr>
<tr>
<td>UEL/LEL</td>
<td>Not Flammable</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Same as water</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>NA</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.05</td>
</tr>
<tr>
<td>Solubility</td>
<td>Complete in water</td>
</tr>
<tr>
<td>Partition Coefficient (n-octanol/water)</td>
<td>NA</td>
</tr>
<tr>
<td>Auto Ignition Temp</td>
<td>NA</td>
</tr>
<tr>
<td>Decomposition Temp</td>
<td>ND</td>
</tr>
<tr>
<td>Viscosity</td>
<td>As Water</td>
</tr>
</tbody>
</table>

SECTION 10 – Stability and Reactivity

Reactivity:                      Not reactive
Stability:                      Product is stable under normal conditions of storage and handling.
Conditions to Avoid:            Extreme heat or cold.
Incompatible Materials:         Strong alkalis, such as bleach, sodium hydroxide, and other high pH materials. Oxidizers
Decomposition Products:         None under normal conditions. Fire may cause release of carbon oxide gases.
Hazardous Polymerization:       Will not occur

SECTION 11 – Toxicological Information

Acute Toxicity:                  Mild irritation
Chronic:                        Mild irritation to mouth and throat for sustained inhalation of vapors/mists.
Eyes:                           Non toxic
Skin:                           Non toxic
Sensitization:                  Not a known sensitizer
SAFETY DATA SHEET
Liquid Hammer

Mutagenicity:  No known mutagenic effects.

Carcinogenicity:  Not a known carcinogen. This product contains no components listed as carcinogens by IARC, NTP or OSHA.

Reproductive Toxicity:  None known

Target Organs:  None

Aspiration Hazard:  Not a known aspiration hazard.

SECTION 12 – Ecological Toxicity

Fish:  No known ecotoxicity.

Daphnia:  No known ecotoxicity.

Algae:  No known ecotoxicity.

SECTION 13 – Disposal Considerations

Handle and dispose of waste product in accordance with federal, state and local regulations. None of the ingredients in this product are subject to spill reporting requirements. None of the ingredients in this product are subject to hazardous waste and disposal reporting requirements under CERCLA, NPDES, SARA III, or the CWA.

SECTION 14 – Transportation Information

UN Number:  NA
Proper Shipping Name:  Not Regulated
Packing Group:  NA
Required DOT Label/s:  Not Regulated

SECTION 15 – Regulatory Information

TSCA:  This product and/or all of its components are listed on the Section 8(b) TSCA Inventory.

SARA Tier 2 Components:  NA, None

State Right to Know Regulations:  Check with local regulators for state information.
SAFETY DATA SHEET
Liquid Hammer

SECTION 16 – Other Information

Date Prepared: 3/11/2015
Revision Date: New Document
Prepared By: Florida Chemical Compliance Department
Approved By: Marc Maseman

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