Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: EMERGE™
Manufacturer: FRANMAR CHEMICAL, INC.
10282 E. 1400 North Rd. Bloomington, IL 61705

Emergency Telephone Numbers: (309) 828-2900

Section 2: HAZARD IDENTIFICATION

Emergency Overview

Routes of Entry
Skin, Inhalation, and Eyes.

Health Effects: Eyes
May cause severe eye irritation and possible corneal damage.

Health Effects: Skin
May cause skin irritation on repeated or prolonged contact.

Health Effects: Ingestion
May be harmful if swallowed.

Health Effects: Inhalation
Excessive breathing of diluted spray mist may cause irritation.

Medical Conditions Generally Aggravated By Exposure / Target Organs
Preexisting skin conditions.
**Section 3: COMPOSITION, INFORMATION OR INGREDIENTS**

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium metasilicate and surfactant blend.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Section 4: FIRST AID MEASURES**

**Eyes**
Immediately flush eyes with running water for 15 minutes. Obtain medical aid.

**Skin**
Wash with water for 15 minutes. Remove contaminated clothing and wash before reuse.

**Ingestion**
Do not induce vomiting. Drink 2 glasses of water and call a physician.

**Inhalation**
Remove individual to fresh air. Give artificial respiration if not breathing. Obtain medical aid.

**Section 5: FIRE FIGHTING MEASURES**

**Flash Point**
None

**Flammable Limits**
Not applicable

**Extinguishing Media**
As appropriate to the surrounding fires.

**Special Fire Fighting Procedures**
None

**Unusual Fire & Explosion Hazards**
None

**Section 6: ACCIDENTAL RELEASE MEASURES**

**Release or Spill**
Wear protective clothing. Contain the spill. Return to suitable container. Hold for disposal.

**Section 7: HANDLING AND STORAGE**

**Handling and Storage**
Normal care in handling and storage. Keep out of reach of children.

**Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**
Personal Protective Equipment: Respiratory
None required for normal use. Use appropriate NIOSH approved respirator for excessive diluted mist concentrations.

Personal Protective Equipment: Eye / Face
Safety glasses.

Personal Protective Equipment: Skin
Rubber

Protective Clothing or Equipment
As required.

Engineering Controls / Ventilation
As required.

Work / Hygienic Practices
Avoid skin and eye contact and excessive breathing of spray mist. Wash thoroughly after handling.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>12.18</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>&gt;212°F</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Density</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Solubility In Water</td>
<td>Complete</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Clear, low viscosity liquid, mild odor.</td>
</tr>
<tr>
<td>Color</td>
<td></td>
</tr>
<tr>
<td>Freezing / Melting Point</td>
<td>Below 32°F</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Less than 1 (n-butyl acetate=1)</td>
</tr>
<tr>
<td>VOC</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td></td>
</tr>
</tbody>
</table>

Section 10: STABILITY AND REACTIVITY

Stability
Stable

Conditions to Avoid
Strong acids.

Hazardous Decomposition or By-Product
None known

Hazardous Polymerization
Will not occur

Section 11: TOXICOLOGICAL INFORMATION
Carcinogenicity
Not listed.

Reproductive Effects

Target Organ Effects

Section 12: ECOLOGICAL INFORMATION

Environmental Fate

Environmental Effects

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal
Dispose of in accordance with all existing local, state, and federal ordinances.

Section 14: TRANSPORT INFORMATION

UN Hazard Class
N/A

DOT Transportation Data
Not regulated

NMF (National Motor Freight Classification)
04858003

Proper Shipping Name
N/A

Identification Number
N/A

Packing Group
N/A

Shipping Classification
N/A

DOT Classification
N/A

DOT Proper Shipping Name
N/A
Section 15: REGULATORY INFORMATION

Other Regulatory Requirements

Section 16: OTHER INFORMATION

Other Information

NFPA HAZARD RATING
4 - Extreme
3 - High
2 - Moderate
1 - Slight
0 - Insignificant

The stated MSDS is reliable to the best of the company’s knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user’s responsibility to satisfy himself as to the suitableness and completeness of such information for his own particular use.