



## MATERIAL SAFETY DATA SHEET

---

### 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**

---

<b>Ingredient Name</b>	<b>CAS Number</b>	<b>Percent</b>
------------------------	-------------------	----------------

---

Sodium metasilicate and surfactant blend.

---

### **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**

---

**Physical State:**

pH: 12.18

Boiling Point: >212°F

Vapor Pressure: Not determined

**Vapor Density:**

Specific Gravity: >1

Solubility In Water: Complete

Appearance and Odor: Clear, low viscosity liquid, mild odor.

**Color:**

Freezing / Melting Point: Below 32°F

Evaporation Rate: Less than 1 (n-butyl acetate=1)

**VOC:**

Viscosity:

---

**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**

---

**Acute Data**

**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

---

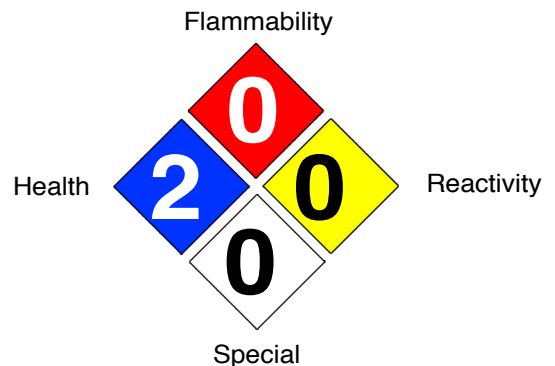
## Section 16: OTHER INFORMATION

---

### 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 suitability and completeness of such information for his own particular use.