



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

Ingredient Name	CAS Number	Percent
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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

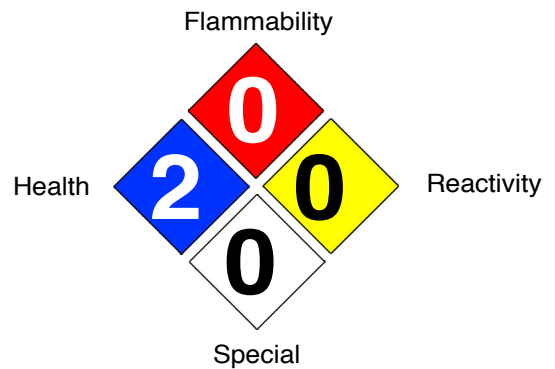
Other Regulatory Requirements

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.