



MATERIAL SAFETY DATA SHEET

Ver. 1.5

Revised 11/2/2005

I. SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

Product Name: EMERGE™

FRANMAR CHEMICAL, INC.
502 West Taylor St. Bloomington, IL 61701
(309) 452-7526

**Certified
pH Level**

12.18

pH of 1/10 wt/wt solution
in soft water



II. CHEMICAL COMPOSITION AND DATA ON COMPONENTS

Chemicals: Sodium metasilicate and surfactant blend.

III. HAZARDS IDENTIFICATION

**Hazardous
Ingredients:** Sodium metasilicate

SARA Hazards: Not listed. All ingredients are TSCA listed.
Section 313

SARA Hazards: Not listed. All ingredients are TSCA listed.
Section 311/312

IV. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with running water for 15 minutes. Obtain medical aid.

Skin Contact: 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.

V. 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

VI. ACCIDENTAL RELEASE MEASURES

Release or Spill:	Wear protective clothing. Contain the spill. Return to suitable container. Hold for disposal.
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VII. HANDLING AND STORAGE

Handling and Storage:	Normal care in handling and storage. Keep out of reach of children.
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VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection:	None required for normal use. Use appropriate NIOSH approved
Ventilation:	As required.
Protective Gloves:	Rubber
Eye Protection:	Safety glasses.
Protective Clothing or Equipment:	As required.
Work Hygienic Practices:	Avoid skin and eye contact and excessive breathing of spray mist. Wash thoroughly after handling.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	>212°F
Vapor Pressure:	Not determined
Specific Gravity:	>1
Solubility In Water:	Complete
Appearance and Color:	Clear, low viscosity liquid, mild odor.
Melting Point:	Below 32°F
Evaporation Rate:	Less than 1 (n-butyl acetate=1)

MSDS Information Data Sheet (cont.)
EMERGE™

X. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Strong acids.
Hazardous Decomposition or By-Product:	None known
Hazardous Polymerization:	Will not occur

XI. TOXICOLOGICAL INFORMATION

Routes of Entry:	Skin, Inhalation, and Eyes.
Health Hazards:	N/A
Carcinogenicity:	Not listed.
Eye Contact:	May cause severe eye irritation and possible corneal damage.
Skin Contact:	May cause skin irritation on repeated or prolonged contact.
Ingestion:	May be harmful if swallowed.
Inhalation:	Excessive breathing of diluted spray mist may cause irritation.
Medical Conditions Generally Aggreavated By Exposure:	Preexisting skin conditions.

XII. ECOLOGICAL INFORMATION

Environmental Fate:

Environmental Effects:

XIII. DISPOSAL CONSIDERATIONS

Waste Disposal:	Dispose of in accordance with all existing local, state, and federal ordinances.
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MSDS Information Data Sheet (cont.)
EMERGE™

XIV. TRANSPORT INFORMATION

UN Hazard Class:

DOT Transportation**Data:****NMF:***(National Motor Freight Classification)***Proper Shipping Name:****Identification Number:****Packing Group:****Shipping Classification:****DOT Classification:****DOT Proper Shipping
Name:**

XV. REGULATIONS

**Other Regulatory
Requirements:**

XVI. OTHER INFORMATION

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.