



## MATERIAL SAFETY DATA SHEET

### Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Soy-Gel™

**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

Ingestion, eyes and skin contact.

#### Health Effects: Eyes

May cause eye irritation.

#### Health Effects: Skin

Chronic skin contact may cause primary irritant dermatitis.

#### Health Effects: Ingestion

May be harmful if swallowed.

#### Health Effects: Inhalation

N/A

#### Medical Conditions Generally Aggravated By Exposure / Target Organs

Preexisting skin disorders.

### Section 3: COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percent
N-Methyl Pyrrolidone	872-50-4	40-45%
Dibasic Ester - LVP	627-93-0/1119-40-0	40-45%
Soy Ester	67784-80-9	15-20%
Proprietary Thickening And Surfactant Blend		1-5%

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## **Section 4: FIRST AID MEASURES**

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### **Eyes**

Immediately flush eyes with running water for 30 minutes. Retract eyelids often. Obtain immediate medical aid.

### **Skin**

Flush with running water for 15 minutes. If irritation persists, obtain medical aid. Remove contaminated clothing and launder before reuse.

### **Ingestion**

Do not induce vomiting. Drink large amounts of water and immediately call a physician.

### **Inhalation**

N/A

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## **Section 5: FIRE FIGHTING MEASURES**

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### **Flash Point**

Above 200°F (PMcc)

### **Flammable Limits**

Not applicable.

### **Extinguishing Media**

Dry chemical, CO<sub>2</sub>, Water spray or Foam.

### **Special Fire Fighting Procedures**

Use water spray to cool containers.

### **Unusual Fire & Explosion Hazards**

None known.

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## **Section 6: ACCIDENTAL RELEASE MEASURES**

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### **Release or Spill**

Contain the spill, wear protective clothing, hold for disposal.

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## **Section 7: HANDLING AND STORAGE**

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### **Handling and Storage**

Keep out of reach of children.

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## Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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### Personal Protective Equipment: Respiratory

Not required.

### Personal Protective Equipment: Eye / Face

Chemical goggles.

### Personal Protective Equipment: Skin

Neoprene or equivalent.

### Protective Clothing or Equipment

As required. Observe eye wash and safety shower locations.

### Engineering Controls / Ventilation

Not required. Mechanical generally sufficient.

### Work / Hygienic Practices

Avoid eye and skin contact.

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## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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### Physical State:

**pH:** 8.1

**Boiling Point:** Above 300°F

**Vapor Pressure:** < .5 mmHg @ 20°C

**Vapor Density:**

**Specific Gravity:** >1

**Solubility In Water:** Emulsifiable

**Appearance and Odor:** Clear, heavy viscosity liquid, mild odor

**Color:**

**Freezing / Melting Point:** Below 32°F

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

**VOC:** 49.5%, 578.96 g/L, 4.84 lbs/gal

**Viscosity:**

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## **Section 10: STABILITY AND REACTIVITY**

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### **Stability**

Stable

### **Conditions to Avoid**

Strong oxidizing agents.

### **Hazardous Decomposition or By-Product**

Produces carbon monoxide and carbon dioxide on combustion.

### **Hazardous Polymerization**

Will not occur.

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## **Section 11: TOXICOLOGICAL INFORMATION**

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### **Acute Data**

### **Carcinogenicity**

Not listed by NTP, IARC, OSHA.

### **Reproductive Effects**

This product contains a chemical (N-Methyl-2-Pyrrolidone) known to the state of California to cause birth defects or other reproductive harm.

### **Target Organ Effects**

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## **Section 12: ECOLOGICAL INFORMATION**

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### **Environmental Fate**

Not Determined

### **Environmental Effects**

Not Determined

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## **Section 13: DISPOSAL CONSIDERATIONS**

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### **Waste Disposal**

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

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## Section 14: TRANSPORT INFORMATION

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### UN Hazard Class

Non-Hazardous

### DOT Transportation Data

Not classified as dangerous

### NMF *(National Motor Freight Classification)*

0485003

### Proper Shipping Name

Not regulated

### Identification Number

Not regulated

### Packing Group

Not classified as dangerous

### Shipping Classification

None

### DOT Classification

Non-Hazardous

### DOT Proper Shipping Name

Not regulated

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## Section 15: REGULATORY INFORMATION

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### Other Regulatory Requirements

#### SARA 302/304

This product contains no known chemicals regulated under SARA 302/304.

#### SARA 311/312

Based upon available information, this material is classified as the following health and/or physical hazards according to Section 311 & 312:

#### SARA 313

This product contains the following chemicals subject to the reporting requirements of SARA Title III, Section 313 and 40 CFR 372: N-Methyl-Pyrrolidone (40%-45%) CAS# 872-50-4

#### State Reporting

Known to the State of California to cause birth defects.

872-50-4            N-Methyl Pyrrolidone            (December 11, 2009)

This product contains the following chemicals regulated by New Jersey's Worker and Community Right to Know Act:

872-50-4            N-Methyl Pyrrolidone

This product contains the following chemicals regulated by Massachusetts' Right to Know Law:

872-50-4            N-Methyl Pyrrolidone

This product contains the following chemicals regulated by Pennsylvania's Right to Know Act:

872-50-4            N-Methyl Pyrrolidone

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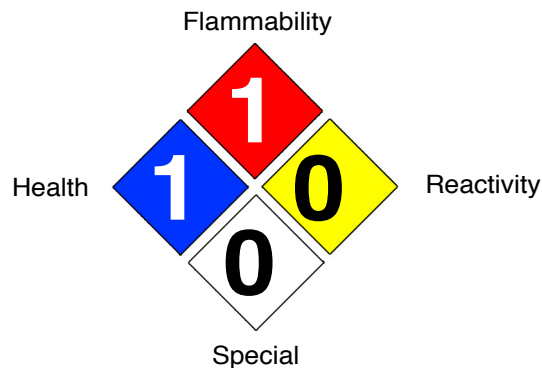
## Section 16: OTHER INFORMATION

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### 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.

**Record Number 499**