

# **MATERIAL SAFETY DATA SHEET**

# Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Greeneway™

Manufacturer: FRANMAR CHEMICAL, INC.

10282 E. 1400 North Rd., Bloomington, IL 61705

**Emergency Telephone Numbers: (309) 828-2900** 

## Section 2: HAZARD IDENTIFICATION

## **Emergency Overview**

N/A

**Routes of Entry** 

Inhalation, eye, skin contact.

**Health Effects: Eyes** 

May cause eye irritation.

**Health Effects: Skin** 

Not classified as a skin irritant or corrosive material. May cause irritation on prolonged contact.

**Health Effects: Ingestion** 

May be harmful if swallowed in large amounts.

**Health Effects: Inhalation** 

N/A

Medical Conditions Generally Aggravated By Exposure / Target Organs

None known.

# Section 3: COMPOSITION, INFORMATION OR INGREDIENTS

Ingredient Name	CAS Number	Percent
Soy Ester	67784-80-9	8-11%
Tripropylene Glycol	25498-49-1	37-42%
Dipropylene Glycol	29911-28-2	32-39%
Propriety Surfactant and Dye Blend		12-17%

# **Section 4: FIRST AID MEASURES**

# **Eyes**

Immediately flush eyes with running water for at least 5 minutes. Obtain medical aid.

#### Skin

Wash with soap and water. Remove contaminated clothing and wash before reuse.

# Ingestion

Induce vomiting if large amounts are ingested. Immediately call a physician.

#### Inhalation

Remove to fresh air. If breathing is difficult, give oxygen. Call a physician.

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

#### Flash Point

Above 200° F (PMcc)

#### Flammable Limits

Not established.

# **Extinguishing Media**

Water fog, CO2, Dry Chemical, Chemical foam.

# **Special Fire Fighting Procedures**

Protective clothing and self-contained breathing apparatus should be worn.

## **Unusual Fire & Explosion Hazards**

None.

# **Section 6: ACCIDENTAL RELEASE MEASURES**

## Release or Spill

Wear protective clothing. Contain the spill. Hold for disposal.

# **Section 7: HANDLING AND STORAGE**

## **Handling and Storage**

Normal care in handling and storage.

## Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

# **Personal Protective Equipment: Respiratory**

None required for normal use.

## Personal Protective Equipment: Eye / Face

Chemical splash goggles.

#### **Personal Protective Equipment: Skin**

Neoprene or equivalent.

## **Protective Clothing or Equipment**

As required.

#### **Engineering Controls / Ventilation**

Mechanical normally sufficient.

#### **Work / Hygienic Practices**

Pratice reasonable care and cleanliness. Avoid prolonged breathing of vapors.

# **Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State: N/A pH: 4.65

**Boiling Point:** Above 400° F

Vapor Pressure: < 2 MM Hg @ 20° C

Vapor Density: N/A

Specific Gravity: .96 at 25° C
Solubility In Water: Emulsifiable.
Appearance and Odor: Pale green liquid.

Color: N/A Freezing / Melting Point: N/A

**Evaporation Rate:** Less than 1

**VOC:** 0 7g/l **Viscosity:** N/A

# Section 10: STABILITY AND REACTIVITY

## **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.

# Section 11: TOXICOLOGICAL INFORMATION

#### **Acute Data**

N/A

## Carcinogenicity

Not listed by NTP, IARC, OSHA.

# **Reproductive Effects**

N/A

## **Target Organ Effects**

N/A

## Section 12: ECOLOGICAL INFORMATION

#### **Environmental Fate**

Material is not volatile but is water soluble.

#### **Environmental Effects**

N/A

## 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 a DOT controlled material.

NMF (National Motor Freight Classification

N/A

## **Proper Shipping Name**

Non-Regulated. Glycol Ethers, not elsewhere classified.

#### **Identification Number**

None.

# **Packing Group**

Packing group III

# **Shipping Classification**

N/A

## **DOT Classification**

N/A

# **DOT Proper Shipping Name**

N/A

# **Section 15: REGULATORY INFORMATION**

# **Other Regulatory Requirements**

N/A

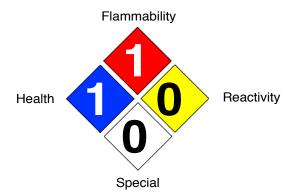
# **Section 16: OTHER INFORMATION**

#### Other Information

N/A

#### **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.