



MATERIAL SAFETY DATA SHEET

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Color Change™

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

Inhalation, skin, eyes, ingestion.

Health Effects: Eyes

May cause slight eye irritation.

Health Effects: Skin

May cause slight skin irritation on repeated or prolonged contact.

Health Effects: Ingestion

May cause injury if swallowed in large amounts.

Health Effects: Inhalation

Excessive breathing of spray mist may cause irritation.

Medical Conditions Generally Aggravated By Exposure / Target Organs

None known.

Section 3: COMPOSITION, INFORMATION OR INGREDIENTS

Ingredient Name

CAS Number

The precise composition of this product is proprietary information. A more complete disclosure will be provided to a physician in the event of a medical emergency.

Section 4: FIRST AID MEASURES

Eyes

Flush eyes with running water for 15 minutes. If irritation persists, obtain immediate medical aid.

Skin

Wash with water. Remove contaminated clothing and launder before reuse.

Ingestion

If swallowed in large amounts do not induce vomiting. Call a physician.

Inhalation

For excessive breathing of spray mist, remove victim to fresh air. Consult a physician.

Section 5: FIRE FIGHTING MEASURES

Flash Point

Above 200°F (setaflash)

Flammable Limits

Not established.

Extinguishing Media

CO₂, dry chemical, foam or water fog or fine spray.

Special Fire Fighting Procedures

Do not use direct water stream.

Unusual Fire & Explosion Hazards

None known.

Section 6: ACCIDENTAL RELEASE MEASURES

Release or Spill

Wear protective clothing. Contain the spill. Return to suitable container and 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

Not required in normal use.

Personal Protective Equipment: Eye / Face

Safety glasses.

Personal Protective Equipment: Skin

Impervious gloves.

Protective Clothing or Equipment

As required.

Engineering Controls / Ventilation

Local exhaust as required. Mechanical normally sufficient.

Work / Hygienic Practices

Avoid eye and skin contact. Avoid excessive breathing of spray mist. Wash thoroughly after handling

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

pH: 7.75

Boiling Point: > 400°F

Vapor Pressure: < .1 mm Hg

Vapor Density:

Specific Gravity: < 1

Solubility In Water: Partial

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

Color:

Freezing / Melting Point: N/A

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

VOC: 0% 0g/l

Section 10: STABILITY AND REACTIVITY

Stability

Stable

Conditions to Avoid

Strong acids or bases. Oxidizing materials.

Hazardous Decomposition or By-Product

Possibly aldehydes, ketones and organic acids.

Hazardous Polymerization

Will not occur.

Section 11: TOXICOLOGICAL INFORMATION

Acute Data

Carcinogenicity

Not listed by NTP, IARC, OSHA.

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 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

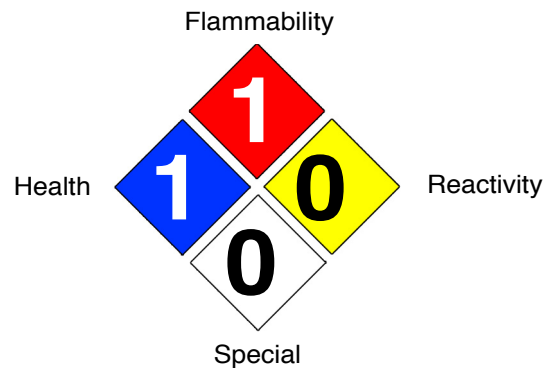
IATA (International Air Transportation Association): Not hazardous.

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.