



SAFETY DATA SHEET (GHS)

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product / Chemical Name:

Haze Remover ES

Other Means Of Identification:

Haze and Ghost Remover

Recommended Use Of The Product / Chemical And Restrictions On Use:

Cleaning of ink hazes while emulsion is still in the screen mesh.

Manufacturer / Company Information:

Franmar Chemical, Inc.
10282 E. 1400 North Rd.
Bloomington, IL 61705
1-800-538-5069 / 1-309-828-2900

For Chemical Emergency - Spill, Leak, Fire, Exposure, or Accident Call:

CHEMTREC Day or Night: Within USA and Canada: 1-800-424-9300
CCN717946 or +1 703-527-3887 (collect calls accepted)

Health: 1
Flammability: 1
Reactivity: 0
Special: 0

NFPA HAZARD RATING
4 - Extreme
3 - High
2 - Moderate
1 - Slight
0 - Insignificant

Section 2: HAZARD IDENTIFICATION

Classification Of Product / Chemical Mixture And Any National or Regional Information:

None known.

GHS Statements:

GHS Signal Word: WARNING

GHS Hazard Phrases: (H316) Causes mild skin irritation. (H320) Causes eye irritation. (H303) May be harmful if swallowed.

Other Hazards Which Do Not Result In Classification:

None known.



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Section 3: COMPOSITION, INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Percent</u>
Soy methyl ester	67784-80-9	80-90%
Ethoxylated Alcohol Blend	68439-46-3/66455-14-9	10-15%

Other Chemical Information:

Section 4: FIRST AID MEASURES

Necessary Measures For Routes Of Exposure:

Inhalation:

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Skin:

If skin irritation occurs, get medical advice/attention.

Eyes:

If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion:

Rinse mouth. Call a doctor/physician if you feel unwell.

Important Symptoms/Effects, Acute and Delayed:

Specific data not available.

Immediate Medical Attention And Special Treatment Needed:

Specific data not available.



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Section 5: FIRE FIGHTING MEASURES

Suitable (and unsuitable) Extinguishing Media:

CO₂, Dry Chemical for small fires, foam for large fires, water spray

Hazards Arising From The Product/Chemical (e.g., nature of any hazardous combustion products):

None known

Special Fire Fighting Procedures:

Use water spray to cool containers.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear protective clothing.

Environmental Precautions:

Specific data not available.

Methods and Materials for Containment and Cleaning Up:

Contain the spill and hold for disposal.

Section 7: HANDLING AND STORAGE

Precautions For Safe Handling:

Normal care in handling & storage.

Conditions For Safe Storage, Including Any Incompatibilities:

Specific data not available.



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Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters, e.g., Occupational Exposure Limit Values or Biological Limit Values:

Specific data not available.

Appropriate Engineering Controls:

Not required. Mechanical generally sufficient.

Individual Protective Measures, Such As Personal Protective Equipment:

Safety glasses, or chemical goggles.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Light yellow, low viscosity liquid	Flammability (solid, gas):	None known.
Odor:	Mild odor	Upper/Lower Flammability or Explosive Limits:	
Odor Threshold:	Specific data not available.	Vapor Pressure:	< 2mm Hg at 20°C
pH:	6.65	Vapor Density:	Estimated heavier than air.
Freezing / Melting Point:	below 32°F	Relative Density:	7.3 lbs/gal (@25°C)
Boiling Point and Boiling Range:	Over 300°F	Partition Coefficient (n-octanol/water):	Specific data not available.
Flash Point:	Above 200°F (PMcc)	Autoignition Temperature:	445°C (833°F)
Evaporation Rate:	Less than 1 (n-butyl acetate=1)	Decomposition Temperature:	Specific data not available.
Solubility:	Emulsifiable	VOC:	2.3% .06 lb/g 20 g/l



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Section 10: STABILITY AND REACTIVITY

Chemical Stability:

Stable

Possibility Of Hazardous Reactions:

Will not occur.

Conditions To Avoid (e.g., static discharge, shock or vibration):

Strong oxidizing agents.

Incompatible Materials:

Specific data not available.

Hazardous Decomposition Products:

Produces carbon monoxide and carbon dioxide on combustion.

Section 11: TOXICOLOGICAL INFORMATION

Information On The Likely Routes Of Exposure (inhalation, ingestion, skin and eye contact):

SKIN: (H316) Causes mild skin irritation.

EYE: (H320) Causes eye irritation.

INGESTION: (303) May be harmful if swallowed.

Symptoms Related To The Physical, Chemical and Toxicological Characteristics:

Not listed by NTP, IARC, OSHA.



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Delayed and Immediate Effects and Also Chronic Effects From Short- and Long-Term Exposure:

Specific data not available.

Numerical Measures Of Toxicity (such as acute toxicity estimates):

Specific data not available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available):

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and Degradability:

Specific data not available on the degradability of this product.
Meets U.S. EPA 28 day half-life criteria.

Bioaccumulative Potential:

Meets U.S. EPA 28 day half-life criteria.

Mobility In Soil:

The product is immiscible with water and will spread on the water surface.

Other Adverse Effects:

Specific data not available.



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Section 13: DISPOSAL CONSIDERATIONS

Description Of Waste Residues and Information On Their Safe Handling and Methods Of Disposal, Including The Disposal Of Any Contaminated Packaging:

Contaminated absorbent material may be disposed of in an approved landfill. Dispose of in accordance with all existing local, state, and federal ordinances.

Section 14: TRANSPORT INFORMATION

UN Number:

N/A, non-regulated

UN Proper Shipping Name:

Fatty acid ester

Transport Hazard Class(es):

NMFC (National Motor Freight Classification): Identification number 144920
Shipping Classification 65

Packing Group (if applicable):

Specific data not available.

Marine Pollutant (Yes/No):

Specific data not available.

Special Precautions Which User Needs To Be Aware Of / Or Comply With In Connection With Transport Or Conveyance Either Within Or Outside Their Premises:

Specific data not available.

Section 15: REGULATORY INFORMATION

SARA TITLE III (Superfund Amendments and Reauthorization Act): N/A

Section 312 Extremely Hazardous Substance: None

Section 311/312 Hazard Categories: None

Section 313 Toxic Chemicals: None

Known to the State of California to cause cancer.

123-91-1 1,4-Dioxane

The components of all Franmar products are reported in the TSCA inventory.

Section 16: OTHER INFORMATION