



SAFETY DATA SHEET (GHS)

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product / Chemical Name:

Plastisol Ink Cleaner - BEAN-e-doo®

Other Means Of Identification:

Textile plastisol ink cleaner

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

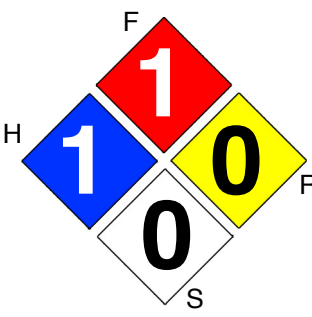
Cleaning of plastisol ink from screen printing screens.

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:
Flammability:
Reactivity:
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 Hazard Statements:

GHS Precautionary 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%
Proprietary, non-hazardous, non-regulated ethoxylated alcohol surfactant	trade secret	10-15%

Other Chemical Information:

Section 4: FIRST AID MEASURES

Necessary Measures For Routes Of Exposure:

If Inhaled:

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.

If on Skin:

If skin irritation occurs, get medical advice/attention.

If in 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.

If Swallowed:

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 302/304

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

SARA 313

This product contains the following chemicals subject to reporting requirements of SARA Title I.I.I. Section Section 313 and 40 CFR 372: 1,4-Dioxane (<1%) CAS# 123-91-1; Methanol (<1%) CAS# 67-56-1

Section 16: OTHER INFORMATION

CALF: This product can expose you to 1,4-Dioxane known to the state of California to cause cancer and to Methanol known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov