



## SAFETY DATA SHEET (GHS)

### Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product / Chemical Name:**

Plastisol Ink Cleaner RVO - 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: 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%
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:

##### **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:**

CO<sub>2</sub>, 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

### Section 16: OTHER INFORMATION