



45246-1009

**SAFETY DATA SHEET (GHS)****Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****Product / Chemical Name:**

Ink &amp; Emulsion Remover - One Step Clear

**Other Means Of Identification:**

Stencil, emulsion and ink remover

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

Removes emulsions, films and stencils from screens in addition to the ink on the screen, used in the process of screen printing.

**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:****GHS Hazard Statements:****GHS Precautionary Statements:**

GHS Signal Word: WARNING

GHS Hazard Phrases: (H315) Causes skin irritation.  
(H319) Causes serious eye irritation. (H333) May be harmful if inhaled. (H302) Harmful if swallowed.

**Other Hazards Which Do Not Result In Classification:**

**SAFETY DATA SHEET (GHS)****Section 3: COMPOSITION, INFORMATION ON INGREDIENTS**

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Percent</u>
H2O	7732-18-5	82-90%
Periodic Acid Solution 50%	10450-60-9	8-12%
N-95	127087-87-0	3-7%

**Other Chemical Information:****Section 4: FIRST AID MEASURES****Necessary Measures For Routes Of Exposure:****If Inhaled:**

Remove person to fresh air. Call a doctor/physician if you feel unwell.

**If on Skin:**

Take off all contaminated clothing and wash before reuse.

**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, call a doctor/physician.

**If Swallowed:**

Rinse mouth. Call a doctor/physician.

**Important Symptoms/Effects, Acute and Delayed:**

Specific data not available.

**Immediate Medical Attention And Special Treatment Needed:**

Specific data not available.



## SAFETY DATA SHEET (GHS)

### Section 5: FIRE FIGHTING MEASURES

**Suitable (and unsuitable) Extinguishing Media:**

As appropriate to the surrounding fires.

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

Specific data not available.

**Special Fire Fighting Procedures:**

Move exposed containers from fire area if it can be done without risk.

### Section 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Accidental spills, wear protective clothing. Contain the spill. Return to a suitable container. Hold for disposal.

**Environmental Precautions:**

Specific data not available.

**Methods and Materials for Containment and Cleaning Up:**

Specific data not available.

### Section 7: HANDLING AND STORAGE

**Precautions For Safe Handling:**

Wear eye protection/face protection. Normal care in handling. Keep out of reach of children.

**Conditions For Safe Storage, Including Any Incompatibilities:**

Normal care for storage.



## SAFETY DATA SHEET (GHS)

### 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:**

Wear eye protection/face protection.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Clear liquid	Flammability (solid, gas):	None known.
Odor:	Mild odor.	Upper/Lower Flammability or Explosive Limits:	Specific data not available.
Odor Threshold:	Specific data not available.	Vapor Pressure:	Specific data not available.
pH:	3.08	Vapor Density:	Specific data not available.
Freezing / Melting Point:	Below 32°F	Relative Density:	Specific data not available.
Boiling Point and Boiling Range:	>212°F	Partition Coefficient (n-octanol/water):	Specific data not available.
Flash Point:	None	Autoignition Temperature:	Specific data not available.
Evaporation Rate:	Less than 1 (n-butyl acetate=1)	Decomposition Temperature:	Specific data not available.
Solubility:	Complete	VOC:	<1% 5.49 lb/g 0.05 g/l

**SAFETY DATA SHEET (GHS)****Section 10: STABILITY AND REACTIVITY****Chemical Stability:**

Stable

**Possibility Of Hazardous Reactions:**

Will not occur under normal conditions.

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

Will darken when exposed to light. Contact with other materials could cause fire.

**Incompatible Materials:**

Specific data not available.

**Hazardous Decomposition Products:**

Combustion may result in release of toxic/hazardous gases of iodine or hydrogen iodide.

**Section 11: TOXICOLOGICAL INFORMATION****Information On The Likely Routes Of Exposure (inhalation, ingestion, skin and eye contact):**

SKIN: (H315) Causes skin irritation.

EYE: (H319) Causes serious eye irritation.

INHALATION: (H333) May be harmful if inhaled.

INGESTION: (H302) Harmful if swallowed.

**Symptoms Related To The Physical, Chemical and Toxicological Characteristics:**

Specific data not available.



## SAFETY DATA SHEET (GHS)

### **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):**

Specific data not available.

### **Persistence and Degradability:**

Specific data not available.

### **Bioaccumulative Potential:**

Specific data not available.

### **Mobility In Soil:**

Specific data not available.

### **Other Adverse Effects:**

Specific data not available.

**SAFETY DATA SHEET (GHS)****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:**

Dispose of in accordance with all existing local, state, and federal ordinances.

**Section 14: TRANSPORT INFORMATION****UN Number:**

UN3264

**UN Proper Shipping Name:**

Corrosive Liquid (Periodic Acid), Mixture, Acidic, Inorganic, N.O.S

**Transport Hazard Class(es):**

8

**Packing Group (if applicable):**

III

**Marine Pollutant (Yes/No):**

NO

**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****Section 16: OTHER INFORMATION**