



SAFETY DATA SHEET (GHS)

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product / Chemical Name:

Water-Based Ink Remover - Aqua-Wash

Other Means Of Identification:

Water-based ink remover.

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

Cleaning of water-based inks 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: 2
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: (H315) Causes skin irritation. (H320) Causes eye irritation. (H335) May cause respiratory irritation. (H303) May be harmful if swallowed.



Other Hazards Which Do Not Result In Classification:



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Section 3: COMPOSITION, INFORMATION ON INGREDIENTS

| <u>Ingredient Name</u> | <u>CAS Number</u> | <u>Percent</u> |
|------------------------------------|-------------------|----------------|
| H2O | | 45-50% |
| Tripropylene Glycol Methyl Ether | 25498-49-1 | 15-20% |
| Dipropylene Glycol Monobutyl Ether | 29911-28-2 | 16-19% |
| Surfactant Blend | 68439-46-3 | 7-10% |
| Soy Ester | 67784-80-9 | 3-6% |

Other Chemical Information:

Section 4: FIRST AID MEASURES

Necessary Measures For Routes Of Exposure:

Inhalation:

Remove person to fresh air and keep comfortable for breathing. Call a doctor/physician if you feel unwell.

Skin:

Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Wash contaminated clothing before reuse.

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:

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, Foam.

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

Specific data not available.

Special Fire Fighting Procedures:

Protective clothing and self-contained breathing apparatus should be worn when fires involve chemicals.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Specific data not available.

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:

None known.

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:

Chemical splash goggles.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|---------------------------------|---|------------------------------|
| Appearance (physical state, color, etc.): | Clear liquid | Flammability (solid, gas): | None known. |
| Odor: | Very mild. | Upper/Lower Flammability or Explosive Limits: | N/A |
| Odor Threshold: | Specific data not available. | Vapor Pressure: | N/A |
| pH: | 5.4 | Vapor Density: | N/A |
| Freezing / Melting Point: | N/A | Relative Density: | Specific data not available. |
| Boiling Point and Boiling Range: | Above 400° F | Partition Coefficient (n-octanol/water): | Specific data not available. |
| Flash Point: | Above 200° F (PMcc) | Autoignition Temperature: | Specific data not available. |
| Evaporation Rate: | Less than 1 (n-butyl acetate=1) | Decomposition Temperature: | Specific data not available. |
| Solubility: | Miscible. | VOC: | 0%, 7 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:

Strong oxidizers.

Section 11: TOXICOLOGICAL INFORMATION

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

SKIN: (H315) Causes skin irritation

EYE: (H320) Causes eye irritation.

INHALATION: (H335) May cause respiratory irritation.

INGESTION: (H303) May be harmful if swallowed.

Symptoms Related To The Physical, Chemical and Toxicological Characteristics:

Specific data not available.



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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):

Specific data not available.

Persistence and Degradability:

Specific data not available.

Bioaccumulative Potential:

Specific data not available.

Mobility In Soil:

100% Biodegradable. Material is not volatile but is water soluble.

Other Adverse Effects:

No adverse effects known or suspected.



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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:

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

Section 14: TRANSPORT INFORMATION

UN Number:

Specific data not available.

UN Proper Shipping Name:

Non-Regulated. Glycol Ethers, not elsewhere classified.

Transport Hazard Class(es):

N/A

Packing Group (if applicable):

Packing group III.

Marine Pollutant (Yes/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

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