



SAFETY DATA SHEET (GHS)

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product / Chemical Name:

Ink + Emulsion Remover Neutralizer

Other Means Of Identification:

Neutralizer for dip tank solution.

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

Neutralizes dip tank solutions 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: 2
Flammability: 0
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:

GHS Statements:

GHS Signal Word: WARNING

GHS Hazard Phrases: (H319) Causes serious eye irritation.



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>
Sodium Carbonate - Anhydrous	497-19-8	100%

Other Chemical Information:

Section 4: FIRST AID MEASURES

Necessary Measures For Routes Of Exposure:

Inhalation:

If inhaled, remove from contaminated area to fresh air immediately. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen. If cough or other symptoms appear, call a doctor/physician.

Skin:

Wash affected areas with copious quantities of water immediately. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

Eyes:

Immediately rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a doctor/physician.

Ingestion:

Rinse mouth thoroughly with water. Give water to drink. DO NOT induce vomiting. If vomiting occurs give further water to achieve effective dilution. Call a doctor/physician if you continue to feel unwell.

Important Symptoms/Effects, Acute and Delayed:

Immediate Medical Attention And Special Treatment Needed:

Treat symptomatically.



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Section 5: FIRE FIGHTING MEASURES

Suitable (and unsuitable) Extinguishing Media:

Use extinguishing media most appropriate for the surrounding fire. No limitations to the type of extinguishing media.

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

May liberate toxic fumes in fire (carbon and sodium oxides).
Material does not burn. Fire or heat will produce irritation, poisonous and/or corrosive gases.
Containers may explode when heated.
Runoff may pollute waterways.

Special Fire Fighting Procedures:

Wear SCBA and structural firefighter's uniform.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid substance contact. Avoid generation of dusts: do not inhale dusts. Ensure supply of fresh air in enclosed rooms. Wear protective clothing specified for normal operations.

Environmental Precautions:

Avoid release to the environment.

Methods and Materials for Containment and Cleaning Up:

Sweep up (avoid generating dust) and remove to a suitable, clearly labelled container for disposal in accordance with local regulations.

Section 7: HANDLING AND STORAGE

Precautions For Safe Handling:

Avoid generation or accumulation of dusts. Do not breathe dust. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure. Wash hands thoroughly after working with material. Use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Conditions For Safe Storage, Including Any Incompatibilities:

Store in cool, dry place. Store away from acids. Keep container tightly closed and dry. Do not use light-weight metal containers for the decahydrate.



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Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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

Appropriate Engineering Controls:

Mechanical ventilation preferred. Where ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapors or mists.

Individual Protective Measures, Such As Personal Protective Equipment:

None.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	White, granular solid.	Flammability (solid, gas):	Non combustible material.
Odor:	Odorless.	Upper/Lower Flammability or Explosive Limits:	Specific data not available.
Odor Threshold:	Specific data not available.	Vapor Pressure:	Not applicable.
pH:	11.4	Vapor Density:	Specific data not available.
Freezing / Melting Point:	Not applicable.	Relative Density:	Specific data not available.
Boiling Point and Boiling Range:	2912°F (1600°C)	Partition Coefficient (n-octanol/water):	Specific data not available.
Flash Point:	Noncombustible.	Autoignition Temperature:	Specific data not available.
Evaporation Rate:	Not applicable.	Decomposition Temperature:	Specific data not available.
Solubility:	33.2% maximum.	VOC:	Specific data not available.



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Section 10: STABILITY AND REACTIVITY

Chemical Stability:

Stable under normal use conditions. Avoid strong heating. Moisture sensitive.

Possibility Of Hazardous Reactions:

Violent reaction with acids or water generating heat. Violent reactions with phosphorus pentoxide. Mixture with fluorine may ignite and burn fiercely. May cause explosive reaction with magnesium. May cause explosive reaction with aluminum, if aluminum is red hot.

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

Aluminum powder, acids, fluorine, molten lithium. Acids except under controlled conditions.

Incompatible Materials:

Specific data not available.

Hazardous Decomposition Products:

Heated to decomposition, it emits fumes of sodium oxide.

Section 11: TOXICOLOGICAL INFORMATION

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

INHALATION: May cause irritation to the respiratory tract including the nose, throat and lungs.

EYE: Causes serious eye irritation.

SKIN: May be irritation to the skin of sensitive individuals.

INGESTION: May be harmful if swallowed. May cause irritation of the mouth, throat and stomach.

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):

Fish: LC50 (L. macrochirus): 300 mg/l/96 h.
Daphnia: EC50 (Daphnia magna): 265 mg/l/48 h.

Persistence and Degradability:

Specific data not available.

Bioaccumulative Potential:

Specific data not available.

Mobility In Soil:

Biodegradability does not apply to inorganic substances. No significant toxicity to aquatic organisms is expected.

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:

When this product is discarded or disposed of, as purchased, it is neither a characteristic nor a listed hazardous waste according to US Federal RCRA regulations (40 CFR 261). As a non-hazardous waste the material may be disposed of in a landfill in accordance with government regulations; check local or state regulations for applicable requirements prior to disposal.

Section 14: TRANSPORT INFORMATION

UN Number:

Not classified as a Dangerous Good.

UN Proper Shipping Name:

Not regulated.

Transport Hazard Class(es):

Not regulated.

Packing Group (if applicable):

None.

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

Section 16: OTHER INFORMATION