

NETWORK MILD ACID 1022 COLDSET FOUNTAIN SOLUTION

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: **Photo Systems Inc.** Product Name: **MILD ACID 1022**
Photo Systems, Inc., 7200 Huron River Dr., Dexter, MI 48130
Product Number: **23130** Date Prepared: 09/13/2007
Customer Information Phone Number: 1-734-426-4646
CHEMTREC®: 24 Hour Emergency Transport Phone Number: 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS</u>	<u>OHSA PEL</u>	<u>ACGIH TLV</u>	<u>Weight %</u>
ETHYLENE GLYCOL	107-21-1	125 mg/m ³	127 mg/m ³	5-10
SODIUM HYDROXIDE	1310-73-2	N.E.	2 mg/m ³ C	1-5
MAGNESIUM NITRATE	13446-18-9	N.E.	N.E.	1-3

3. HAZARDOUS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eye Contact: May cause irritation and redness.

Inhalation: Can cause mild irritation. Vapor from heated material can cause headache and nausea.

Ingestion: May cause irritation to mucus membrane. May produce dizziness, nausea, abdominal discomfort or diarrhea.

Skin Contact: May cause irritation or reddening.

Signs And Symptoms Of Exposure: Overexposure by skin or eye contact may include skin irritation with discomfort or rash, or eye irritation with discomfort, tearing, or blurring of vision. By inhalation, effects may include irritation of the upper respiratory passages with coughing and discomfort. By ingestion, effects may include gastritis.

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Get immediate medical attention.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: Induce vomiting. Get medical attention immediately for ethylene glycol.

Skin Contact: Wash skin with plenty of water. Wash contaminated clothing before reuse. Get medical attention if irritation or allergic reaction develops.

Aggravated Medical Conditions: Asthmatics or individuals with skin sensitivities or renal disease.

Supplemental Health Information: None of the components in this product is present at levels requiring listing by IARC, NTP, or OSHA as a carcinogen.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flash Point: Nonflammable Flash Point Method: Not applicable Auto ignition: Not applicable

LEL: Not applicable UEL: Not applicable

Extinguishing Media: Any applicable to the primary cause of the fire.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire or excessive heat may produce hazardous decomposition products.

Unusual Fire And Explosion Hazards: None.

Combustion Products: Carbon dioxide, carbon monoxide, oxides of nitrogen.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Spilled Or Released: Review fire and explosion hazards and safety precautions before proceeding with cleanup. Use appropriate personal protective equipment. Avoid contact with skin and eyes. Stop the spillage. Dike the spill. Prevent liquid from entering sewers, waterways or low areas. Absorb spillage in inert material. Soak up with sawdust, sand, or other absorbent material. Remove non-usable solid material and/or contaminated soil for disposal in an approved and permitted landfill. Discharge to sewer requires approval of permitting authority.

7. HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storage: Store in a cool, dry, well-ventilated area. Keep containers closed. Do not store with incompatible materials. Do not store or consume food, drink, or tobacco where they may become contaminated with this material.

Other Precautions: All labeled precautions must be observed when handling, storing and transporting empty containers due to product residues. Triple rinse before disposal.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Avoid inhalation of the product vapors. When this product is used in the intended way, no respiratory protection is anticipated to be necessary. A respirator should be worn if hazardous decomposition products are likely to be or have been released. Respirator type: Acid gas.

Ventilation: Local exhaust ventilation is recommended. Good ventilation of 10 room volumes per hour. Ventilation must be adequate to keep hazardous ingredients below their exposure limits.

Protective Gloves: Latex, rubber, or neoprene waterproof gloves are recommended.

Eye Protection: Safety glasses with side shields (or goggles).

Other Protective Clothing or Equipment: Wear appropriate equipment to prevent probability of exposure and personal contact.

Work/Hygienic Practices: Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Exposure Guidelines: See Section 2.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Clear liquid with slight apricot azole odor. Solubility In Water: Complete
Boiling Point: N.E. Vapor Pressure: N.E. Specific Gravity: 1.07
Melting Point: Not applicable Freezing Point: -5° C Evaporation Rate: N.E.
Vapor Density: N.E. Percent Volatile: 83.18 Ph: 4.38
Molecular Weight: Not applicable Pounds Per Gallon: 8.9
VOC is 60.19 g/L or 5.6 % or 0.5 lb. /gal.

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions To Avoid: None
Incompatibility: None
Hazardous Decomposition Or By Products: Carbon dioxide and carbon monoxide.
Hazardous Polymerization: Will Not Occur
Conditions To Avoid: None

11. TOXICOLOGICAL INFORMATION**12. ECOLOGICAL INFORMATION**

Do not release into the environment contains a biocide.

13. DISPOSAL CONSIDERATIONS

The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

14. TRANSPORT INFORMATION

Ship Name: NOT REGULATED
Hazard Class: NONE
UN No.: NOT APPLICABLE
Packing Group:
Guide No:

15. REGULATORY INFORMATION

TSCA: All ingredients in this finished product are listed on the EPA TSCA INVENTORY.
SARA TITLE III: Glycol ethers are listed under Sara Title 313. Magnesium Nitrate, Hexahydrate is listed as Nitrate Compounds, Water Dissociable under Sara Title 313.
CALIF. PROP. 65: Product has components whose mixtures contain trace amounts of Acetaldehyde (75-07-0), and 1, 4-Dioxane (123-91-1). The State of California's Safe Drinking Water and Toxic Enforcement Act of 1986, or Proposition 65 requires the following information. This regulation does not address di minimus levels; therefore, even trace amounts of the chemicals included on Proposition 65's list of chemicals known to the State of California to cause cancer or reproductive toxicity must be noted with the "Safe Harbor" wording. WARNING: This product contains trace levels of

ACETALDEHYDE, and 1, 4-DIOXANE. – known to the State of California to cause cancer, birth defects or other reproductive harm.

CARCINOGENICITY: NONE OF THE COMPONENTS IN THIS CHEMICAL IS PRESENT AT LEVELS REQUIRING LISTING BY IARC, NTP, OR OSHA AS A CARCINOGEN.

SCAQMD Rule 443.1

Photochemically Reactive: No

Maximum Grams of VOC per Liter: 60.19 m/L

Vapor Pressure: N.E. mm Hg@ 20 Degrees C

16. OTHER INFORMATION (HMIS)

Health: 2

Flammability: 0

Reactivity: 0

Protective: C

OTHER ADDITIONAL INFORMATION: The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for the injuries from the use of the product described herein.