

NETWORK DAMPENING PREP ENHANCER

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Photo Systems, Inc. Product Name: **DAMPENING PREP ENHANCER**
Product Number: **871-0001** Date Prepared: 09/26/2007
Customer Information Phone Number: 1-800-521-4042
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> |
|----------------------|------------|----------------------|------------------------------|-----------------|
| 2-BUTOXY ETHANOL | 111-76-2 | 240mg/m ³ | 121 mg/m ³ (skin) | 10-15 |
| ZINC NITRATE | 7779-88-6 | N.E. | N.E. | < 1 |
| PHOSPHORIC ACID | 7664-38-2 | 1mg/m ³ | 1mg/m ³ | < 1 |

3. HAZARDOUS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eye Contact: May cause severe irritation and burning.

Inhalation: Vapor can cause irritation to mucous membranes and nasal tract.

Ingestion: Acidic nature of solution may cause irritation or corrosion to digestive tract.

Skin Contact: May cause irritation or reddening.

Signs And Symptoms Of Exposure: Eye and skin burns, abdominal pain, vomiting and diarrhea upon ingestion, difficulty breathing.

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: Do not induce vomiting. Give large quantities of milk or water. Get medical attention immediately.

Skin Contact: Wash skin with plenty of water. Wash contaminated clothing before reuse.

Aggravated Medical Conditions: Asthmatics or individuals with skin sensitivities.

Supplemental Health Information: None of the components in this product is listed by IARC, NTP, or OSHA as 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: Foam, water fog carbon dioxide, dry chemical.

Special Fire-Fighting Procedures Firefighters should use self-contained breathing apparatus and

full protective clothing to avoid contact with eyes and skin.
Unusual Fire And Explosion Hazards: None
Combustion Products: Carbon dioxide and carbon monoxide

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. Dike the spill. Prevent liquid from entering sewers, waterways or low areas. 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 and may require pretreatment.

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. Do not reuse containers. 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. If use conditions do not maintain vapors or fumes below exposure limits, use a NIOSH approved respirator with Acid gas, organic vapor cartridges.

Ventilation: Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits.

Protective Gloves: Rubber or neoprene waterproof gloves are recommended.

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

Other Protective Clothing or Equipment: Rubber or plastic apron or other protective clothing suitable for the exposure risk.

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: Light blue clear liquid with slight butyl odor

Solubility In Water: Complete

Boiling Point: > 200° F

Vapor Pressure: N.E.

Specific Gravity: 1.02

Melting Point: Not applicable

Freezing Point: N.E.

Evaporation Rate: < 1

Vapor Density: N.E.

Percent Volatile: 88.94

Molecular Weight: Not applicable

Ph: 2.17

Pounds Per Gallon: 8.53

VOC is 130.07 g/L or 12.76% or 1.09 lb. /gal.

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions To Avoid:

Incompatibility: Bases

Hazardous Decomposition Or By Products: Carbon dioxide and carbon monoxide.

Hazardous Polymerization: Will Not Occur

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

Do not release into the environment.

13. DISPOSAL CONSIDERATIONS

Recover non-usable free liquid and/or contaminated water, and dispose of in an approved and permitted treatment system. 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 and may require pretreatment.

14. TRANSPORT INFORMATION

Ship Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Contains Phosphoric Acid)

Hazard Class: 8

UN No.: 3264

Packing Group: III

Guide No: 154

Limited Quantity Exception may apply to this product, for "inner packagings not over 4.0L (1 gal) for liquids and 5.0 kg (11 lb) for solids". 173.154 (b) (2). Each package must conform to the packaging requirements of Subpart B of Part 173 and may not exceed 30 kg (66 lb) gross weight. For further information consult the 49 CFR.

DOT Class: CONSUMER COMMODITY, ORM-D

Hazard Class: NOT APPLICABLE

UN No.: NOT APPLICABLE

Packing Group: NOT APPLICABLE

Guide No: NOT APPLICABLE

Ship Name: NOT APPLICABLE

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. Zinc Nitrate is listed under Sara Title 313 as a Zinc compound.

CALIF. PROP. 65: None

CARCINOGENICITY: NONE OF THE COMPONENTS IN THIS CHEMICAL IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

SCAQMD Rule 443.1

Photochemically Reactive: No
Maximum Grams of VOC per Liter: 130.07 g/L
Vapor Pressure: N.E. mm Hg@ 20 Degrees C

16. OTHER INFORMATION (HMIS)

Health: 2
Flammability: 0
Reactivity: 1
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.