

PHOTEX BLUE ETCH

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Photo Systems, Inc.

Product Number: 115010

Customer Information Phone Number:

CHEMTREC®: 24 Hour Emergency Transport Phone Number: 1-800-424-9300

Product Name: **PHOTEX BLUE ETCH**

Date Prepared: 08/30/2007

1-800-521-4042

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS</u>	<u>OHSA PEL</u>	<u>ACGIH TLV</u>	<u>Weight %</u>
GLYCERINE	56-81-5	5 mg/m ³ (respirable)	10 mg/m ³ (mist)	20-25
PHOSPHORIC ACID	7664-38-2	1mg/m ³	1mg/m ³	1-5
PROPANOL	71-23-8	500 mg/m ³	492 mg/m ³	1-5

3. HAZARDOUS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eye Contact: May cause temporary irritation.

Inhalation: May cause respiratory irritation with extreme overexposure leading to central nervous system depression.

Ingestion: Low hazard for recommended handling. Can cause irritation and inflammation of throat.

Skin Contact: Low hazard for recommended handling. Can cause skin irritation,

Signs And Symptoms Of Exposure: Eye irritation, skin irritation, respiratory irritation.

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.

Skin Contact: Wash skin with plenty of soap and water. Wash contaminated clothing before re-use. Get medical attention if irritation or allergic reaction develops.

Aggravated Medical Conditions: Individuals who are under the care of a physician or have chronic ailments, should consult a physician before using this product.

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: 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: None should be necessary. If conditions do not maintain vapors or fumes below recommended exposure limits, a respirator should be worn.

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: Protective clothing suitable for the exposure risk should be worn.

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 blue liquid with alcohol odor.

Solubility in water: Complete

Boiling Point: > 100° C

Vapor Pressure: 18 mm Hg@ 20 Degrees C

Melting Point: Not Applicable

Freezing Point: -5 °C

Vapor Density: N.E.

Evaporation Rate: Same as water

Percent Volatile: 73.74

Ph: 5.66

Molecular Weight: Not Applicable

Weight per gallon: 8.91

Specific Gravity: 1.07

VOC = 40.67 g/L or 3.8% or 0.34 lb. /gal.

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions To Avoid: No dangerous reactions known.

Incompatibility: None

Hazardous Decomposition Or By Products: None

Hazardous Polymerization: Will Not Occur

Conditions To Avoid: None

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

This product is biodegradable. This product does not contain heavy metals or halogenated solvents. Do not release this product into the environment.

13. DISPOSAL CONSIDERATIONS

Discharge, treatment or disposal may be subject to Federal, State or local laws. The product should be regarded as chemical waste.

14. TRANSPORT INFORMATION

DOT Class: NOT REGULATED

Hazard Class: NONE

UN No.: NOT APPLICABLE

Packing Group: NONE

Guide No: NONE

Ship Name:

15. REGULATORY INFORMATION

TSCA: All ingredients in this finished product are listed on the EPA TSCA INVENTORY.

SARA TITLE III: NONE

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: 40.67 g/L

Vapor Pressure: 18 mm Hg@ 20 Degrees C

16. OTHER INFORMATION (HMIS)

Health: 1

Flammability: 0

Reactivity: 0

Protective: B

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.