

NETWORK CLEAN AND PROTECT ACID PLATE CLEANER

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: **Photo Systems, Inc.** Product Name: **CLEAN & PROTECT**
Photo Systems, Inc., 7200 Huron River Dr., Dexter, MI 48130
Product Number: **23808** Date Prepared: 09/17/2007
Customer Information Phone Number: 1-800-521-4042
CHEMTREC®: 24 Hour Emergency Transport Phone Number: 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	OHSA PEL	ACGIH TLV	Weight %
ACETIC ACID	64-19-7	25mg/m ³	25 mg/m ³	1-3
2-BUTOXY ETHANOL	111-76-2	240mg/m ³	121 mg/m ³ (SKIN)	1-3
ETHYLENE GLYCOL	107-21-1	125mg/m ³	127 mg/m ³	1-3
PHOSPHORIC ACID	7664-38-2	1 mg/m ³	1 mg/m ³	1-3
SODIUM XYLENE SULFONATE	1569-01-3	N.E.	N.E.	1-3

3. HAZARDOUS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eye Contact: May cause irritation.

Inhalation: Can cause mild irritation.

Ingestion: May cause irritation to mucus membrane.

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.

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.

Supplemental Health Information: None of the components in this product is listed 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 Firefighters should use self-contained breathing apparatus and full protective clothing.

Unusual Fire And Explosion Hazards: None known.

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.

Ventilation: Local exhaust ventilation is recommended. 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 emerald green liquid with slight butyl odor.

Solubility In Water: Complete	Boiling Point: N.E.	Vapor Pressure: N.E.
Specific Gravity: 1.044	Melting Point: Not applicable	Freezing Point: -5°C
Evaporation Rate: N.E.	Vapor Density: N.E.	Percent Volatile: 88.92
Ph: 2.54	Molecular Weight: Not applicable	Pounds Per Gallon: 8.70
Other Properties: VOC is 58.57 g/L or 5.61 % or 0.49 lb. /gal.		

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions To Avoid: Under the influence of heat and light a light discoloration can occur as the formation of a precipitate

Incompatibility: None

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: 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.

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 LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

SCAQMD Rule 443.1

Photochemically Reactive: No
Maximum Grams of VOC per Liter: 58.57 g/L
Vapor Pressure: N.E. mm Hg@ 20° C

16. OTHER INFORMATION (HMIS)

Health: 1
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.