

# MACH 3 FOUNTAIN SOLUTION CONCENTRATE

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Photo Systems, Inc. Product Name: **MACH 3**  
Product Number: **601010, 601200, 601941** Date Prepared: 08/16/2007  
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 %
2-BUTOXY ETHANOL	111-76-2	240 mg/m <sup>3</sup>	121 mg/m <sup>3</sup> (SKIN)	5-10
PHOSPHORIC ACID	7664-38-2	1 mg/m <sup>3</sup> TWA	1 mg/m <sup>3</sup> TWA	1-3

## 3. HAZARDOUS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

Eye Contact: May cause irritation.

Inhalation: Can cause mild irritation.

Ingestion: May be harmful if swallowed. Produce signs of dizziness, drowsiness, headache, and nausea.

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 plenty of 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: If swallowed, give victim 1-2 glasses of water or milk. Do not induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Skin Contact: Flush skin with plenty of water and wash with a non-alkaline skin cleaner. Wash contaminated clothes before reuse. Get medical attention if irritation develops.

Aggravated Medical Conditions: Skin contact may aggravate an existing dermatitis.

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. Flood with water.

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.

## 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 during cleanup. For small amount less than one gallon flush to sewer with large amounts of water if permitted. For larger spills, dike the spill. Prevent liquid from entering sewers, waterways or low areas. Soak up with sawdust, sand, oil dry, or other absorbent material. Absorb spillage in inert material. Remove non-usable solid material and/or contaminated soil for disposal. Discharge to sewer may require approval of local authorities. Contaminated surfaces may be cleaned using water.

## 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: 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: 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 eyewash facility and a safety shower.

Exposure Guidelines: See Section 2.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Deep orange pink liquid with butyl odor.

Boiling Point: N.E.

Vapor Pressure: N.E.

Melting Point: Not applicable      Freezing Point: -5° C

Solubility In Water: Complete

Specific Gravity: 1.04

Vapor Density: < 1

Evaporation Rate: > 1 (Butyl Acetate =1) Percent Volatile: 86.77  
Ph: 3.72 Pounds Per Gallon: 8.65  
Molecular Weight: Not applicable VOC is 83.04 g/L or 8% or 0.69 lb. /gal.

## 10. STABILITY AND REACTIVITY

Stability: Stable  
Conditions To Avoid: None  
Incompatibility: None  
Hazardous Decomposition Or By Products: May produce oxides of carbon.  
Hazardous Polymerization: Will Not Occur  
Conditions To Avoid: None

## 11. TOXICOLOGICAL INFORMATION

## 12. ECOLOGICAL INFORMATION

## 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

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

## 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: None  
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: 83.0 g/L  
Vapor Pressure: N.E. mm Hg@ 20 Degrees 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.