

# NETWORK PRO ONE AR-UV ALCOHOL REPLACEMENT

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: **Photo Systems Inc.** Product Name: **PRO ONE AR-UV**  
Photo Systems, Inc., 7200 Huron River Dr., Dexter, MI 48130  
Product Number: **23178** Date Prepared: 09/14/2007  
Customer Information Phone Number: 1-734-521-4042  
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>
PROPYL GLYCOL ETHER	MIXTURE	N.E.	N.E.	50-70
1, 2 PROPANEDIOL	57-55-6	N.E.	N.E.	20-30

## 3. HAZARDOUS IDENTIFICATION

Emergency Overview: **Combustible liquid and vapor.**

### POTENTIAL HEALTH EFFECTS

Eye Contact: May cause moderate irritation.

Inhalation: Low hazard for recommended handling. High concentrations may be slightly irritating to the nose, eyes, throat and lungs and harmful if inhaled.

Ingestion: May cause gastrointestinal upset with any or all of the following symptoms: nausea, vomiting, lethargy or diarrhea. Not expected to be toxic by ingestion.

Skin Contact: Can cause skin irritation. Prolonged or repeated exposure can cause moderate irritation with redness.

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. Remove contact lenses, if present, after the first 5 minutes, and then continue flushing eyes. 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 a glass 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: Dermatitis and asthma-like conditions can be exacerbated by 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: > 200°F

Flash Point Method: SCC

Auto ignition: N.E.

LEL: N.E.

UEL: N.E.

Extinguishing Media: Use water fog or fine spray, carbon dioxide, dry chemical, foam.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Use water to cool containers.

Unusual Fire And Explosion Hazards: Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

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. Isolate area. 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. This material is lighter than water. 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 and may require pre-treatment. Contaminated surfaces should 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. Keep away from heat, sparks and flame. 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. Do not cut or weld container.

## 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 vapors, mists or aerosols are generated; wear a NIOSH approved respirator (organic vapor cartridge).

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: Use chemical goggles.

Other Protective Clothing or Equipment: No special measures are required. 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 solution with sweet odor.

Boiling Point: 340-370° F      Vapor Pressure: 0.2 mmHg@20°C

Freezing Point: -120 ° F      Evaporation Rate: N.E.

Vapor Density: N.E.      Percent Volatile: 98.85

VOC is 838.1 g/L or 88.32% or 6.98 lb. /gal.

Solubility In Water: Complete

Specific Gravity: 0.95

Ph: Not applicable

Pounds Per Gallon: 7.9

## 10. STABILITY AND REACTIVITY

Stability: Stable

Conditions To Avoid: Sparks, open flame, other ignition sources, and elevated temperatures.

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Or By Products: Oxides of carbon and nitrogen

Hazardous Polymerization: Will Not Occur

## 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: Not Applicable

UN No.: Not Applicable

Packing Group:

Guide No.:

Proper shipping Name: Chemicals, N.O.I., Not D.O.T. regulated

## 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: 838.16 gm/L  
Vapor Pressure: 0.21 mm Hg@ 20 Degrees C

**16. OTHER INFORMATION (HMIS)**

Health: 1  
Flammability: 2  
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.