

# NETWORK PRO ONE 1120

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: **Photo Systems Inc.** Product Name: **PRO ONE 1120**  
Photo Systems, Inc., 7200 Huron River Dr., Dexter, MI 48130  
Product Number: **23165** Date Prepared: 09/14/2007  
**Customer Information Phone Number: 1-734-426-4646**  
**CHEMTREC®: 24 Hour Emergency Transport Phone Number: 1-800-424-9300**

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Chemical Name</b>	<b>CAS</b>	<b>OHSA PEL</b>	<b>ACGIH TLV</b>	<b>Weight %</b>
SODIUM NITRATE 42%	7631-99-4	N.E.	N.E.	5-10
CITRIC ACID	77-92-9	N.E.	N.E.	1-5
ANIONIC SURFACTANT	MIXTURE	N.E.	N.E.	1-5
2-HYDROXY-PROPIONIC ACID	97-64-3	N.E.	N.E.	1-5
PENTASODIUM DTPA	MIXTURE	N.E.	N.E.	1-3

## 3. HAZARDOUS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

Eye contact: May cause irritation.

Inhalation: Low hazard for recommended handling. May cause irritation to respiratory tract.

Ingestion: May cause irritation to the gastrointestinal tract.

Skin Contact: Prolonged exposure may cause skin irritation.

Signs And Symptoms Of Exposure: Eye and skin irritation with abdominal pain, vomiting and diarrhea upon ingestion.

## 4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Inhalation: If symptomatic, 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. 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: 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.

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. 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 and may require pre-treatment.

## 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.

Ventilation: Good ventilation of 10 room volumes per hour. Ventilation rates should match conditions of use.

Protective Gloves: Latex, rubber, or neoprene waterproof gloves are recommended.

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

Other Protective Clothing or Equipment: No special measures are required.

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: Bright blue, clear to light hazy liquid, with specific smell.

Solubility In Water: Complete, not soluble in apolar solvents.

Boiling Point: 100° C

Vapor Pressure: 18 mmHg 20 °C

Specific Gravity: 1.18

Melting Point: Not applicable

Freezing Point: -5° C

Evaporation Rate: N.E.

Vapor Density: N.E.

Percent Volatile: 70.4

Ph: 3.25

Molecular Weight: Not applicable

Pounds Per Gallon: 9.83

Other Properties: VOC = 0

## 10. STABILITY AND REACTIVITY

Stability: Stable

Conditions To Avoid: None

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

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: Sodium Nitrate is listed as a Nitrate Compounds, Water Dissociable under Sara Title 313.

CALIF. PROP. 65: Product contains a mixture which includes trace amounts of Trisodium NTA. 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 Trisodium NTA – 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: 0 gm/L  
Vapor Pressure: 18 mg Hg @ 68°F

**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.