

# NETWORK NEUTRALIZER

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: **Photo Systems, Inc.** Product Name: **NEUTRALIZER**  
Photo Systems, Inc., 7200 Huron River Dr., Dexter, MI 48130  
Product Number: **185400,185941, 184401** Date Prepared: 02/07/2006  
**Customer Information Phone Number: 1-410-273-7000**  
**CHEMTREC®: 24 Hour Emergency Transport Phone Number: 1-800-424-9300**  
**3 E COMPANY: 24 Hour Medical Emergency Phone Number: 1-800-451-8346**

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name       | CAS       | OHSA PEL | ACGIH TLV                  | Weight % |
|---------------------|-----------|----------|----------------------------|----------|
| POTASSIUM HYDROXIDE | 1310-58-3 | N.E.     | 2mg/m <sup>3</sup> CEILING | 5-10     |
| TETRASODIUM EDTA    | MIXTURE   | N.E.     | N.E.                       | 1-5      |

## 3. HAZARDOUS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

Eye Contact: Causes irritation and burns.

Inhalation: Mist may cause irritation to respiratory tract. In contact with strong acids or if heated may liberate sulfur dioxide gas which is irritating. Some asthmatics or hypersensitive individuals may experience difficult breathing.

Ingestion: Harmful if swallowed. May cause burns to the gastrointestinal tract. Some asthmatics and sulfite-sensitive individuals may experience wheezing, chest tightness, stomach upset, hives, diarrhea.

Skin Contact: Causes burns.

Signs And Symptoms Of Exposure: Eye and skin burns, abdominal pain, vomiting and diarrhea upon ingestion, difficulty breathing.

## 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: Use agent appropriate for the surrounding area.  
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 monoxide and carbon dioxide.

## 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. Working solution is able to be flushed to sewer with large amounts of water upon approval.

## 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: If use conditions do not maintain vapors or fumes, use a NIOSH approved half-face cartridge respirator with HEPA cartridges.  
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) and a face shield.  
Other Protective Clothing or Equipment: Rubber or plastic apron or other protective clothing suitable for the exposure risk.  
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: Colorless solution, no odor. | Solubility In Water: Complete                           |
| Boiling Point: N.E.                               | Vapor Pressure: N.E.      Ph: 12.76                     |
| Specific Gravity: 1.077 g /ml                     | Melting Point: Not applicable      Freezing Point: N.E. |
| Evaporation Rate: N.E.                            | Vapor Density: N.E.      Percent Volatile: 89.24        |
| Molecular Weight: Not applicable                  | Pounds Per Gallon: 8.98      V.O.C. = 0                 |

**10. STABILITY AND REACTIVITY**

Stability: Stable

Conditions To Avoid: None

Incompatibility: Strong Acids.

Hazardous Decomposition Or By Products: May produce oxides of sulfur.

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**

Ship Name: CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S. (Contains Potassium Hydroxide)

Hazard Class: 8

UN No.: 3266

Packing Group: II

Guide No: 154

Limited Quantity Exception may apply to this product, for "inner packagings not over 1.0L (0.3 gal) for liquids and 1.0 kg (2.2 lb) for solids". 173.154 (b)(1). Each package must conform to the packaging requirements of Subpart B of Part 173 and may not exceed 30 kg (66 lb) gross weight. For further information consult the 49 CFR.

DOT Class: CONSUMER COMMODITY, ORM-D

Hazard Class: NOT APPLICABLE

UN No.: NOT APPLICABLE

Packing Group: NOT APPLICABLE

Guide No: NOT APPLICABLE

Ship Name: NOT APPLICABLE

ORM-D QUANTITIES OF HAZARDOUS MATERIALS ARE EXEMPT FROM LABELING AND SHIPPING

**15. REGULATORY INFORMATION**

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

SARA TITLE III: None

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 de 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 g/L  
Vapor Pressure: N.E. mm Hg@ 20 Degrees C

**16. OTHER INFORMATION (HMIS)**

Health: 2  
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.