

# PURPLE FORCE

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Photo Systems, Inc.

Product Number: 10984, 10985, 10986

Customer Information Phone Number:

CHEMTREC®: 24 Hour Emergency Transport Phone Number: 1-800-424-9300

Product Name: **PURPLE FORCE**

Date Prepared: 09/28/2007

1-800-521-4042

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS</u>	<u>OHSA PEL</u>	<u>ACGIH TLV</u>	<u>Weight %</u>
ANIONIC SURFACTANTS	MIXTURE	N.E.	N.E.	1-3
DIPROPYLENE GLYCOL	29911-28-2	N.E.	1mg/m <sup>3</sup> aerosol	1-3
SODIUM XYLENE SULFONATE	1300-72-7	N.E.	N.E.	1-2
TETRASODIUM EDTA	MIXTURE	N.E.	N.E.	< 1

## 3. HAZARDOUS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

Eye Contact: May cause irritation or permanent damage.

Inhalation: May cause irritation to nasal membranes and respiratory tract.

Ingestion: Alkaline nature of solution may cause irritation or corrosion to digestive tract.

Skin Contact: May cause irritation upon contact.

Signs And Symptoms Of Exposure: Eye irritation, respiratory irritation, dermatitis, difficulty breathing, abdominal pain, skin irritation, coughing, nausea, diarrhea.

## 4. FIRST AID MEASURES

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

Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If irritation develops, remove to fresh air and get medical attention if cough or other symptoms develop.

Ingestion: If swallowed, DO NOT induce vomiting. Give large quantities of water. Call a physician or poison control center immediately.

Skin Contact: Wash affected area with soap and water for at least fifteen minutes. If irritation occurs, seek medical attention.

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: Use water spray, carbon dioxide, dry chemical, or alcohol foam.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire And Explosion Hazards: Fire or excessive heat may cause production of hazardous decomposition products.

Combustion Products: Concentrate: Carbon dioxide, carbon monoxide, and oxides of sulfur.

## 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. Neutralize but avoid a low Ph as it will release SO<sub>2</sub>. 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. 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. Dispose of in a licensed facility. Recommended crushing or other means to prevent re-use.

## 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: Impervious gloves 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: Clear, purple liquid with a slight sassafras odor.

Solubility In Water: Complete

Boiling Point: 99°C

Vapor Pressure: N.E.

Specific Gravity: 1.04

Melting Point: Not applicable

Freezing Point: -2°C

Evaporation Rate: N.E.

Vapor Density: N.E.

Percent Volatile: 90.85

Ph: 12.46

Molecular Weight: Not applicable

Pounds Per Gallon: 8.66

V.O.C. is 33.4 g/L or 3.2 % or 0.28 lbs/gal.

**10. STABILITY AND REACTIVITY**

Stability: Stable

Conditions To Avoid: Avoid high temperatures.

Incompatibility: Strong acids.

Hazardous Decomposition Or By Products: Carbon monoxide and carbon dioxide may evolve under extreme conditions.

Hazardous Polymerization: Will Not Occur

Conditions To Avoid: High temperatures

**11. TOXICOLOGICAL INFORMATION****12. ECOLOGICAL INFORMATION****13. DISPOSAL CONSIDERATIONS**

Discharge, treatment or disposal may be subject to Federal, State (provincial in Canada) or local laws.

**14. TRANSPORT INFORMATION**

DOT Class: NOT REGULATED

Hazard Class: NOT APPLICABLE

UN No.: NOT APPLICABLE

Packing Group: NOT APPLICABLE

Guide No: NOT APPLICABLE

Ship Name: NOT APPLICABLE

**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 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 ABOVE THE MINIMUM AMOUNT LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

**SCAQMD Rule 443.1**

Photochemically Reactive: No

Maximum Grams of VOC per Liter: 33.4g/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.