

# NETWORK INK WASH SB

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: **Photo Systems, Inc.**  
7200 Huron river drive, Dexter, MI 48130  
Product Number: **23105**

Product Name: **INK WASH SB**

Date Prepared: 10/31/2007

**Customer Information Phone Number: 1-800-521-4042**

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

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS</u>	<u>OHSA PEL</u>	<u>ACGIH TLV</u>	<u>Weight %</u>
XYLENE	1330-20-7	100 ppm	100 ppm	40-60
ALIPHATIC HYDROCARBON	8032-32-4	300 ppm	300 ppm	20-30
PROPYL ETHER BLEND	1569-01-03	N.E.	N.E.	10-20

## 3. HAZARDOUS IDENTIFICATION

Emergency Overview: **WARNING! This product is flammable. Harmful if inhaled or absorbed through the skin. May be harmful or fatal if ingested.**

### POTENTIAL HEALTH EFFECTS

Eye Contact: May cause irritation, redness and swelling with blurred vision.

Inhalation: Vapors may cause irritation to nose, throat and respiratory tract. High vapors may result in central nervous system depression. Inhalation of vapors may aggravate preexisting conditions such as asthma. Very high levels of vapors could cause unconsciousness.

Ingestion: Swallowing can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Aspiration of materials into the lungs can cause chemical pneumonitis.

Skin Contact: May cause irritation and allergic skin reaction. Prolonged or repeated contact leads to drying of skin. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

Signs And Symptoms Of Exposure: Metallic taste, redness of face and neck, mouth and throat irritation, stomach or intestinal upset, irritation of the respiratory passages, a tight feeling in the chest, central nervous system depression. nausea, vomiting, headaches, excitation, dizziness, irregular heartbeat, coma.

Target Organs: This product contains toluene in one of its components. Overexposure to this can lead to hearing loss, liver damage, kidney damage, and central nervous system effects.

## 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 symptoms develop seek immediate medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

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

Skin Contact: Wash skin with soap and water. Wash contaminated clothing before re-use. Get medical attention if irritation or allergic reaction develops.

Aggravated Medical Conditions: Allergies, chronic asthma may be exacerbated by fumes from this product. Heart arrhythmias or individuals with preexisting heart disorders. Those with preexisting conditions of the liver, kidney, CNS, male reproductive system, or auditory systems may be more susceptible if exposed to high concentrations of this material.

Supplemental Health Information: None of the components in this product is listed by IARC, NTP, or OSHA as carcinogen.

## 5. FIRE FIGHTING MEASURES

Flash Point: 55° F

Flash Point Method: T.C.C.

Auto ignition: N.E.

LEL: 0.7

UEL: 19.0

Extinguishing Media: Carbon dioxide, foam, dry chemical. Do not use direct water stream; it will spread fire.

Special Fire-Fighting Procedures: Water spray may be ineffective on fire but may protect fire-fighters and cool closed containers. Use fog nozzles if water is used. Containers close to the fire should be removed or cooled with water. Do not get water inside container. Let small fires burn unless the leak can be stopped immediately and safely. Do not enter confined fire-space without full bunker gear. (Helmet with face shield, bunker coats, gloves and rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Flammable! Treat as petroleum fire. Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations. Closed containers may explode if exposed to extreme heat.

Combustion Products: Carbon dioxide and carbon monoxide and dense smoke.

## 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 leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat, and smoking. Ventilate. 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: Keep away from strong oxidizers, heat, sparks, and open flame. Static electricity and formation of sparks must be prevented. Containers should be grounded and bonded before transferring product. Keep in cool, dry, ventilated Class II liquid storage and closed containers. Protect from light, including direct sun rays. Ground container and transfer equipment to eliminate static electric sparks. Store isolated from oxidizing materials. Continue all label precautions. Avoid breathing vapor or contact with liquid. Flammable liquid – Class 1B.

Other Precautions: Empty containers retain product residue and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition.

**8. EXPOSURE CONTROL / PERSONAL PROTECTION****PERSONAL PROTECTIVE EQUIPMENT**

Respiratory Protection: Use an approved a positive-pressure, pressure demand, self-contained breathing apparatus (SCBA) for unknown vapor concentrations. For known vapor concentrations above the exposure guideline, use a NIOSH-approved organic vapor respirator is adequate protection is provided.

Ventilation: Ventilation rates should match conditions of use to keep airborne concentrations of vapor and/or mists below exposure limits. Explosive proof electrical systems must be used.

Protective Gloves: Disposable PVC, neoprene, nitrile, and vinyl gloves which are impermeable to solvent material are recommended.

Eye Protection: Chemical safety goggles/splash shield.

Other Protective Clothing or Equipment: Avoid skin contact. Wear appropriate equipment to prevent probability of exposure and personal contact. It is recommended that fire-retardant garments be worn while working with flammable and combustible liquids. If splashing or spraying is expected, chemical-resistant protective clothing should be worn.

Work/Hygienic Practices: Use good personal hygiene when handling this product. Wash hands after use, before smoking or using the toilet.

Engineering Controls: Provide adequate exhaust ventilation or other engineering controls to keep airborne concentrations below exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Exposure Guidelines: Use vapor, mist gas mask within use limits, or ventilate to keep vapors of this material below 300 ppm. If over TLV, in accordance with CFR 1910.134, use NIOSH approved positive-pressure self-contained breathing apparatus.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance And Odor: Clear liquid with light aromatic odor.

Boiling Point: 170° - 385°F

Specific Gravity: 0.83

Vapor Pressure: 7.7mmHg @ 20° C

Percent Volatile: 100

Evaporation Rate: 1.0

Ph: Not applicable

Pounds Per Gallon: 6.9

Molecular Weight: Not applicable

V.O.C. is 830, or 100% or 6.91lb. /gal.

Solubility In Water: Partial

Freezing Point: N.E.

Melting Point: Not applicable

Vapor Density: 2.6 (air=1)

**10. STABILITY AND REACTIVITY**

Stability: Stable

Conditions To Avoid: Isolate from oxidizers, heat, sparks, and open flame.

Incompatibility: Isolate from strong oxidizers like chlorine or concentrated oxygen.

Hazardous Decomposition Or By Products: Carbon dioxide and carbon monoxide and dense smoke.

Hazardous Polymerization: Will Not Occur

**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. If this product becomes a waste, it is regulated by RCRA as Ignitable Waste, EPA I.D. #D001. Methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

**14. TRANSPORT INFORMATION**

DOT Shipping Name: FLAMMABLE LIQUIDS, N.O.S.(Contains Xylene and Petroleum Distillates)  
RQ Xylene (Mixed) 55 gallons or greater  
Hazard Class: 3  
UN No.: NA 1993  
Packing Group: II  
Guide No. 128  
Product is classified as an OSHA Class IB Flammable Liquid.

**15. REGULATORY INFORMATION**

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

SARA TITLE III: The Xylene mixture which also contains Ethylbenzene are both listed under Sara Title 313.

CALIF. PROP. 65: This product contains a mixture which includes trace amounts of Benzene and Toluene. The following information is required by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986, or Proposition 65. 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 Benzene known to the State of California to cause cancer, and toluene known to cause 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: Yes  
Maximum Grams of VOC per Liter: 830 gm/L  
Vapor Pressure: 7.7 mmHg@20°C

**16. OTHER INFORMATION (HMIS)**

Health: 2  
Flammability: 3  
Reactivity: 0  
Protective: X

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.