

# XLS CHROMATE FREE SPRAY CLEANER

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Photo Systems, Inc.

Product Name: **XLS CHROMATE FREE CLEANER**

Product Number: **193414**

Date Prepared: 09/28/2007

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>
AMMONIUM THIOCYANATE	1762-95-4	N.E.	N.E.	25
DISSOLVINE	Mixture	N.E.	N.E.	25

## 3. HAZARDOUS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

Eye Contact: May cause irritation or permanent damage to tissue.

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

Ingestion: May cause irritation or corrosion to digestive tract.

Skin Contact: May cause skin irritation upon contact.

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

## 4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for at least 15 minutes. 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, DO NOT induce vomiting. Give large quantities of water. Call a physician or poison control center.

Skin Contact: Immediately wash skin with soap and plenty of water.

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 chemicals in this component 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: Foam, water fog, carbon dioxide, dry chemical.

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 known.

Combustion Products: Hazardous combustion products may include ammonia, sulfur dioxide, hydrogen cyanide and oxides of carbon and nitrogen.

## 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: Use of respiratory protection is generally not required. However, if use conditions generate vapors or fumes, use a NIOSH approved organic vapor respirator.

Ventilation: Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination

Protective Gloves: Rubber or neoprene waterproof gloves are recommended.

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

Other Protective Clothing or Equipment: Rubber or plastic apron.

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: Applicable exposure limits for the components of this product have not been determined by their manufacturers.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Dark Brown, slight ammonia.

Boiling Point: 100°C

Vapor Pressure: 18 mm Hg @ 20°C

Melting Point: Not applicable Freezing Point: N.E.

Vapor Density: N.E.

Percent Volatile: 75.61

Molecular Weight: Not applicable

V.O.C. is 9.58g/L or 0.85% or 0.08 lb/gal.

Solubility In Water: Complete

Specific Gravity: 1.12

Evaporation Rate: N.E.

Ph: 6.45

Pounds Per Gallon: 9.33

**10. STABILITY AND REACTIVITY**

Stability: Stable

Conditions To Avoid: Strong oxidizers and acids.

Incompatibility: None Reported.

Hazardous Decomposition Or By Products: Ammonia, hydrogen cyanide, and oxides of nitrogen, and carbon.

Hazardous Polymerization: Will Not Occur

Conditions To Avoid: Avoid contact with aluminum.

**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: NONE

UN No.: NONE

Packing Group: NONE

Guide No:

Ship Name:

**15. REGULATORY INFORMATION**

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

SARA TITLE III: Contains thiocyanic acid, ammonium salt which is listed under Sec. 302

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: 9.58 g/L

Vapor Pressure: 18 mmHg@ 20 Degrees C

**16. OTHER INFORMATION (HMIS)**

Health: 1

Flammability: 0

Reactivity: 1

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.