

# NETWORK WATER CONDITIONER WATER HARDENING ADDITIVE

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: **Photo Systems Inc.** Product Name: **WATER CONDITIONER**  
Photo Systems, Inc., 7200 Huron River Dr., Dexter, MI 48130  
Product Number: **23326** Date Prepared: 09/12/2007  
**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>
MAGNESIUM ACETATE	16674-78-5	N.E.	N.E.	1-10
MICROBIOCIDE	MIXTURE	N.E.	N.E.	1-5

## 3. HAZARDOUS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

Eye Contact: May cause irritation.

Inhalation: Low hazard for recommended handling. Inhalation of vapors may cause slight irritation.

Ingestion: May cause gastrointestinal upset.

Skin Contact: Low hazard for recommended handling. May cause reddening.

Signs And Symptoms Of Exposure: Overexposure by skin or eye contact may include nausea, vomiting, abdominal pain, and diarrhea from ingestion.

## 4. FIRST AID MEASURES

Eye Contact: Immediately open eyelids and 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: Rinse mouth or throat with water. Drink 1-2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center.

Skin Contact: Immediately flush skin with plenty of water. Remove contaminated clothing. Call a physician. Wash clothing before reuse.

Aggravated Medical Conditions: Dermatitis and respiratory conditions.

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: Nonflammable 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. Fire or excessive heat may produce hazardous decomposition products.

Unusual Fire And Explosion Hazards: Exposure to fire conditions may result in oxides of carbon and magnesium compounds.

Combustion Products: Carbon dioxide and 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. Inhalation of vapor mist should be avoided. Stop the spillage. Dike the spill. Absorb spillage in inert solid material. Soak up with sawdust, sand, or other absorbent material and place in lined steel drums or containers. 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: Respiratory protection not normally needed. If vapors, mists, or aerosols are generated, wear a NIOSH approved respirator.

Ventilation: Local exhaust ventilation is recommended. Ventilation must be adequate to keep hazardous ingredients below their exposure limits.

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

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

Other Protective Clothing or Equipment: Wear appropriate equipment to prevent probability of exposure and personal contact.

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 solution, slight vinegar odor.

Boiling Point: 100° C

Vapor Pressure: N.E.

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

Vapor Density: N.E.

Percent Volatile: 96.9

Molecular Weight: Not applicable

Pounds Per Gallon: 8.4

Solubility In Water: Complete

Specific Gravity: 1.01

Evaporation Rate: N.E.

Ph: 6.04

V.O.C. = 0

**10. STABILITY AND REACTIVITY**

Stability: Stable

Conditions To Avoid: Avoid heating to high temperatures.

Incompatibility: Strong oxidizing agents, strong acids.

Hazardous Decomposition Or By Products: Carbon dioxide and carbon monoxide. May yield magnesium compounds.

Hazardous Polymerization: Will Not Occur

Conditions To Avoid: None

**11. TOXICOLOGICAL INFORMATION****12. ECOLOGICAL INFORMATION**

Component biocide is toxic to fish and wildlife. Do not discharge effluent containing this product into waters or sewers unless this product is specifically identified and addressed in an NPDES permit, and with notification of proper authorities.

**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: NONE

UN No.: NOT APPLICABLE

Packing Group:

Guide No:

Ship Name: NOT REGULATED

**15. REGULATORY INFORMATION**

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

SARA TITLE III: This product contains the following hazardous chemicals subject to the reporting requirement of Section 311/312 of the Emergency Planning and Community Right-to-Know Act of 1986 (40 CFR 370)

Cas # 52-51-7	2-Bromo-2-nitro-1, 3-propanediol	0.2%
Cas # 26172-55-4	5-Chloro-2-methyl-4-isothiazolin-3-one	0.03%
Cas # 2682-20-4	2-Methyl-4-isothiazolin-3-one	0.1%

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: 0 m/L

Vapor Pressure: N.E. mm Hg@ 20 Degrees C

**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.