

# FREESTYLE PHOTOGRAPHIC SUPPLIES

## KENTMERE PROFESSIONAL

### BROWN TONER

#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Photo Systems, Inc.

Product Number: **10197**

Customer Information Phone Number:

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

Product Name: **BROWN TONER**

Date Prepared: 05/01/2007

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>
POTASSIUM POLYSULFIDES	37199-66-9	N.E.	N.E.	20-30
SODIUM CARBONATE	497-19-8	N.E.	N.E.	5-10

#### 3. HAZARDOUS IDENTIFICATION

##### POTENTIAL HEALTH EFFECTS

Emergency Overview: **DANGER! Contact with acid liberates flammable and poisonous gas.**

Eye Contact: May cause irritation and burns

Inhalation: Harmful if inhaled. If hydrogen sulphide gas is liberated due to contact with acid, it may cause headache, nausea, dizziness, confusion, weakness, unconsciousness, convulsions and death.

Ingestion: May be harmful or fatal if swallowed. May cause burns to gastrointestinal tract. If free gastric acidity is high, hydrogen sulfide is liberated in the stomach and may cause systemic toxic effect such as vomiting, respiratory depression, tremors, convulsions and death.

Skin Contact: May cause irritation or burns. Harmful is absorbed through the skin.

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

#### 4. FIRST AID MEASURES

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

Inhalation: Remove to fresh air. If symptoms occur, get medical attention immediately.

Ingestion: Do not induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Skin Contact: Immediately flush with water for 15 minutes and wash skin with plenty of soap.

Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.

Aggravated Medical Conditions: Asthmatics or hypersensitive individuals may experience difficult breathing.

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: Noncombustible

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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: None

Combustion Products: Carbon oxides, sulphur oxides. Hazardous decomposition products include hydrogen sulphide.

## 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 during cleanup. Dike the spill. Prevent liquid from entering sewers, waterways or low areas. Soak up with sawdust, sand, oil dry, or other absorbent material. Absorb spillage in inert material. Remove non-usable solid material and/or contaminated soil for disposal. Discharge to sewer may require approval of local authorities. Contaminated surfaces may be cleaned using water.

## 7. HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storage: Avoid breathing mist or vapor. Do not get in eyes and avoid contact with the skin. Store in a cool, dry, well ventilated area. Keep containers closed. Do not store with incompatible materials such as acids and oxidizing material. 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.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: If exposure limits are exceeded an approved respirator must be worn. Respirator type: N95 Particulate Filter. A full-face positive-pressure air-supplied respirator must be worn if hazardous decomposition products are likely to be released or have been released.

Ventilation: Avoid breathing vapors or mist. Local exhaust ventilation is recommended. Ventilation must be adequate to keep hazardous ingredients below their exposure limits.

Protective Gloves: Impervious gloves and aprons recommended.

Eye Protection: Chemical safety glasses with side shields (or goggles) and a face shield.

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: See Section 2.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance And Odor: Amber liquid with sulfur odor. Solubility In Water: Complete  
Boiling Point: >100° C Vapor Pressure: 18mm Hg @ 20° C  
Ph: 13.4 Specific Gravity: 1.29 g/ml Melting Point: Not applicable  
Freezing Point: N.E. Evaporation Rate: N.E. Vapor Density: 0.6  
Percent Volatile: 65-70 Molecular Weight: Not applicable Pounds Per Gallon: 10.7  
V.O.C. is 0.

**10. STABILITY AND REACTIVITY**

Stability: Stable under normal conditions  
Conditions To Avoid: Heat  
Incompatibility: Acids, strong oxidizing agents. Contact with acid liberates flammable and poisonous gas.  
Hazardous Decomposition Or By Products: Sulfur oxides, hydrogen sulphide  
Hazardous Polymerization: Will Not Occur

**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**

Limited Quantity Exception 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

For quantities greater than 0.3 gallon the following:

DOT Class: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Contains Potassium polysulfides)  
Hazard Class: 8  
UN No.: 3267  
Packing Group: II  
Guide No: 153

**15. REGULATORY INFORMATION**

TSCA: All ingredients in this finished product are listed on the EPA TSCA INVENTORY.  
SARA TITLE III: NONE

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 gm/L

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

**16. OTHER INFORMATION (HMIS)**

Health: 3

Flammability: 1

Reactivity: 0

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.