



**FREESTYLE PHOTOGRAPHIC SUPPLIES
MARATHON INDICATING STOP BATH**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Photo Systems, Inc. Product Name: **INDICATING STOP BATH**
 Product Number: **742202, 742200, 10153** Date Prepared: 05/01/2007
 Customer Information Phone Number: 1-800-521-4042
CHEMTREC®: 24 Hour Emergency Transport Phone Number: 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	OHSA PEL	ACGIH TLV	Weight %
ACETIC ACID	64-19-7	10 ppm	10 ppm, STEL = 15 ppm	1-10
SODIUM ACETATE	127-07-3	N.E.	N.E.	1-5

3. HAZARDOUS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eye Contact: Direct contact may cause redness, pain, blurred vision, permanent eye damage.
 Inhalation: May cause severe irritation to respiratory tract.
 Ingestion: Material causes irritation and burns to the digestive tract. Nausea, abdominal pains, vomiting, hematemesis, and diarrhea.
 Skin Contact: May cause irritation and burns to the skin. Repeated or prolonged contact may darken the skin.
 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, lifting lower and upper eyelids occasionally. 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: Remove contaminated clothing immediately. 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: Use any media applicable to the primary cause of the fire.

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

Unusual Fire And Explosion Hazards: None.

Combustion Products: Carbon dioxide, 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. Keep unnecessary people away. Isolate hazard area. Stay upwind, keep out of low areas, and ventilate closed spaces before entering. Shut off ignition sources. Stop leak if possible. Dike the spill. Prevent liquid from entering sewers, waterways or low areas. For small spills, 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: Avoid breathing mist Do not get in eyes, on skin, or on clothing. 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.

Destroy contaminated leather items such as belt, shoes, and other items that cannot be decontaminated. Keep away from heat, sparks, and flame. Use non-sparking tools.

Other Precautions: All labeled precautions must be observed when handling, storing and transporting empty containers due to product residues. Triple rinse before disposal. Store in original container.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Under normal conditions of use, a respirator should not be required. If exposure limits are exceeded or if irritation is experienced, a NIOSH approved respirator should be worn. Normally, a NIOSH approved respirator for organic vapors is generally acceptable.

Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposures.

Ventilation: Provide exhaust ventilation sufficient to keep the airborne concentration of this product below applicable PEL.

Protective Gloves: Rubber, or neoprene waterproof gloves are recommended.

Eye Protection: Safety glasses with side shields (or goggles) and full face shield where splashing of solutions is possible. Do not wear contact lenses when working with this substance.

Other Protective Clothing or Equipment: Prevent skin contact. 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: Clear deep yellow liquid with sharp vanilla odor.

Solubility In Water: Complete

Boiling Point: N.E.

Vapor Pressure: N.E.

Specific Gravity: 1.02

Melting Point: Not applicable

Freezing Point: N.E.

MATERIAL SAFETY DATA SHEET



Evaporation Rate: N.E.

Vapor Density: N.E.

Percent Volatile: 99.05

Ph: 3.62

Molecular Weight: Not applicable

Pounds Per Gallon: 8.5

V.O.C. is 78.54 gm/l, 7.7%, or 0.65 lb./gal.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions To Avoid: Contact with oxidizers and reducing agents.

Incompatibility: Oxidizers and reducing agents.

Hazardous Decomposition Or By Products: Irritating and toxic fumes may be emitted upon decomposition in case of fire. May produce carbon dioxide and carbon monoxide and other potentially toxic fumes.

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

DOT Class: NOT REGULATED

Hazard Class: NONE

UN No: NA

Packing Group:

Guide No:

Ship Name: Aqueous Photochemical Solution containing Acetic Acid

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.

16. OTHER INFORMATION (HMIS)

Health: 2

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.