LEGACY PRO
ECO PRO NEUTRAL FIXER
FOR B&W FILMS AND PRINTS

1. Identification of the substance/preparation and of the company/undertaking

Product name: ECO PRO NEUTRAL FIXER
Product code: 123-1289, 123-1296 - FIX
Distributer: Digitaltruth Photos, 14781 Memorial Dr., Suite 2342, Houston, TX, 77079, U.S.A.
Customer Information Phone Number: 1-888-391-8922
CHEMTREC®: 24 Hour Emergency Transport Phone Number: 1-800-424-9300
Manufacturer code: 453023, 453200, 453416
Product Use: Photographic processing solution.
Date Prepared: 03/30/2010
Version: 2.0

2. Composition/information on ingredients

Chemical Name	CAS	OHSA PEL	ACGIH TLV	Weight %
AMMONIUM THIOSULFATE	7783-18-8	N.E.	N.E.	50-60
SODIUM SULFITE	7757-83-7	N.E.	5 mg/m³	1-5

3. HAZARDOUS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eye Contact: May cause temporary irritation.
Inhalation: Expected to be a low hazard for usual industrial or commercial handling by trained personnel. In contact with strong acids or if heated, sulfites may liberate sulfur dioxide gas. Sulfur dioxide gas is irritating to the respiratory tract.
Ingestion: May be harmful if swallowed. May cause irritation to gastrointestinal tract. Some asthmatics or sulfite-sensitive persons may experience wheezing, chest tightness, stomach upset, hives, faintness, weakness, and diarrhea.
Skin Contact: This material has a low potential to cause allergic skin reactions; however, cases of human skin sensitization have been reported.
Signs And Symptoms Of Exposure: Eye irritation, respiratory irritation, dermatitis, difficulty breathing, wheezing, chest tightness, stomach upset, hives, faintness, weakness, and diarrhea.

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 not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion: If swallowed, give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Skin Contact: Immediately 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 a carcinogen.

5. FIRE FIGHTING MEASURES

Flash Point: Nonflammable Flash Point Method: Not applicable Auto-ignition: Not applicable
LEL: Not applicable UEL: Not applicable
Extinguishing Media: Any applicable to the primary cause of the fire. Flood with water.
Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire or excessive heat may produce hazardous decomposition products.
Unusual Fire And Explosion Hazards: Heating may cause the release of ammonia.
Combustion Products: Carbon dioxide, carbon monoxide, ammonia.

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. For small amount less than one gallon, flush to sewer with large amounts of water if permitted. For larger spills, 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: Store in a cool, dry, well ventilated area. Keep containers closed. Do not store with incompatible materials. Keep from contact with oxidizing materials such as nitrates which could cause explosive mixture. Avoid highly oxygenated or halogenated solvents, and organic compounds containing reducible functional groups. Keep away from combustible material. Do not store or consume food, drink, or tobacco where they may become contaminated with this material. Remove and wash contaminated clothing promptly.

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: None should be needed. A respirator should be worn if hazardous decomposition products are likely to be or have been released. Respirator type: Acid gas.
Ventilation: Avoid breathing vapors or mist. Local exhaust ventilation (typically 10 air changes per hour) is recommended. Ventilation must be adequate to keep hazardous ingredients below their exposure limits.
Protective Gloves: Impervious gloves are recommended.
Eye Protection: Chemical 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: See Section 2.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Light straw color; ammonia odor.
Solubility In Water: Complete
Boiling Point: > 212ºF
Vapor Pressure: N.E.
Specific Gravity: 1.35 g/ml
Melting Point: Not applicable
Ph: 6.75
Freezing Point: N.E.
Evaporation Rate: < 1.
Vapor Density: (Air = 1) 0.6
Percent Volatile: 38.15
Molecular Weight: Not applicable
Pounds Per Gallon: 11.25
V.O.C. is 0.

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions To Avoid: Strong acids and alkali.
Incompatibility Strong acids will liberate sulfur dioxide, strong bases of sodium hydroxide will liberate ammonia fumes. Product is not compatible with copper, zinc, or their alloys. Mixing acids will cause probable release of sulfur dioxide. Alkalis will release ammonia.
Hazardous Decomposition Or By Products: Sulfur dioxide, ammonia. Heating to dryness will cause the production of ammonia, ammonium sulfate, sulfur and oxides of sulfur.
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. 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: NOT APPLICABLE
Packing Group:
Guide No:

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
Vapor Pressure: 18 mm Hg@ 20 Degrees C

16. OTHER INFORMATION

Health: 2
Flammability: 1
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.