



Material Safety Data Sheet  
 May be used to comply with  
 OSHA's Hazard Communication Standard  
 29 CFR 1910.1200 Standard must be  
 Consulted for specific requirements

U.S. Department of Labor  
 Occupational Safety And Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

Identity (as used on label and list) <b>TFX-2</b> (A trade secret formula)	Note: Blank spaces are permitted, if any item is not applicable, or no information is available, the space must be marked to indicate that.
---	---

### Section I

Manufacturer's Name: Photographer's Formulary, Inc.	Emergency Telephone Number: 800-424-9300
Address (Number Street, City, State and Zip): Po Box 950 Condon MT 59826	Telephone Number for Information: 406-754-2891 / 800-922-5255
The information in this MSDS sheet contains the data for all chemicals in the mixture.	Date Prepared: 06-01-2013

### Section II – Hazardous Ingredients/Identity Information

Hazardous components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% Optional
Mixture of six (6) chemical compounds in 2 separate solutions to be mixed together. This mixture is a trade secret formula. The hazards for chemicals not named here are stated elsewhere on the sheet.				
Water	H2O			55% +/-
Sodium Sulfite	NA2SO3	None established		3.5% +/-
Chemical 1		None established		.25% +/-
Chemical 2		None established		.15% +/-
Chemical 3		None established		1.2% +/-
Potassium Carbonate	K2CO3	None established		1.2% +/-
Isopropyl Alcohol/Isopropanol	C3H8O	None established	400ppm/8hrs	10% +/-

### Section III – Physical/Chemical Characteristics:

Boiling Point:	250°F	Specific Gravity:	1.75
Vapor Pressure: (mm Hg)	NA	Melting Point	NA
Vapor Density (AIR=1)	NA	Evaporation Rate (Butyl Acetate =1)	NA
Solubility in Water: 100%			
Appearance and Order: Clear light amber in color			

#### Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) 250°F PMCC	Flammable Limits: Not determined	LEL 2.6	UEL 12.5
Extinguishing Media: Water fog, alcohol foam, CO <sub>2</sub> , dry chemicals			
Special Fire Fighting Procedures: Wear positive-pressure self contained breathing apparatus			

#### Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid: Stable under normal storage conditions
	Stable	X	

#### Incompatibility (Materials to Avoid)

Hazardous Polymerization	May Occur		Conditions to Avoid: Strong oxidizers, strong acids
	Will Not Occur	X	May generate carbon monoxide and other toxic gasses

#### Section VI – Health Hazard Data

Route(s) of Entry: Eyes/Moderate	Inhalation: Slight	Skin: Slight	Ingestion: Moderate
Health Hazards (Acute and Chronic): Ingestion: may cause toxic effects. Inhalation: Coughing, shortness of breath, dizziness. Skin: With extensive prolonged contact, burning, Itching, and redness			
Eyes: Irritation, moderate burning with redness.			
Carcinogenicity: No    NTP: No    IASC Monographs: No    OSHA Regulated: Yes			
Signs and symptoms of Exposure: Eyes: Redness and burning, Skin: Redness and burning, Ingestion: Upset stomach, Inhalation: Coughing			
Medical Conditions Generally Aggravated by Exposure: None			
Emergency and First Aid Procedures: Eyes: Flush with warm water. Inhalation: Move to fresh air.			
Skin: Wash with mild soap and water. Ingestion Give 1 pt warm water, In all cases seek medical attention.			

#### Section VII – Precautions for safe Handling and Use:

Steps to be taken in case Material Is Released or Spilled: Sweep to drain with copious amounts of water.
Waste Disposal Method: For disposal please contact your local sewer and water authorities
Flush to sewer with plenty of water if permitted by local disposal regulations.
Precautions to be Taken in Handling And Storing: Store in a cool, well-ventilated area. Keep away From Acids and out of the sun.
Other Precautions: None

#### Section VIII – Control Measures

Respiratory Protection (Specify Type) Good general ventilation should be enough		
Ventilation	Local Exhaust: Yes	Special: No
	Mechanical: No	Other: No
Protective Gloves: Rubber Gloves	Eye Protection: Goggles	
Other Protective Clothing or Equipment: Apron		
Work/ Hygienic Practices: Wash hands, face and all equipment used and counter tops.		