



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>Indicator Stop Bath</b>	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
	Date Prepared: October 14, 2009

Section II – Hazardous Ingredients/Identity Information

Hazardous components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% Optional
Acetic Acid	10 PPM TWA	10 PPM	15 PPM	Short term Exp
Chemical B	N/A	N/A	N/A	N/A

Section III – Physical/Chemical Characteristics:

Boiling Point:	118.1C	Specific Gravity:	1.0512 @ 20/20C
Vapor Pressure: (mm Hg)	11.4 @ 20C	Melting Point	
Vapor Density (AIR=1)	2.07	Evaporation Rate (Butyl Acetate =1)	
Solubility in Water: Complete			
Appearance and Order: Clear, Colorless liquid with sharp acrid, vinegar like odor			

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) 103F TCC	Flammable Limits:	LEL 6.6@139F	UEL 19.3@199F
Extinguishing Media: Dry chemical or carbon dioxide for small fires, alcohol foam or water for large			
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.			
Use water spray to cool drums and to dilute burning liquid			

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid: Keep away from heat, sparks and open flames. Store Above 16.6C to prevent freezing.
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Polymerization	May Occur		Conditions to Avoid: Strong alkali's or oxidizing agents such As chromic or nitric acids or sodium peroxide, carbon Monoxide and/or carbon dioxide
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation: Yes	Skin: Yes	Ingestion: Yes
Health Hazards (Acute and Chronic) Contact causes severe burns to skin and eyes. Vapor is very Irritating to eyes and to the respiratory tract. If swallowed causes irritation and damage to the digestive Tract.			
Carcinogenicity: NTP: No info available IASC Monographs: No info available OSHA Regulated: No info available			
Signs and symptoms of Exposure: Contact with skin and eyes causes burns, breathing of vapors causes Coughing, chest pain, and irritation of the nose and throat. May cause nausea and vomiting.			
Medical Conditions Generally Aggravated by Exposure No information available			
Emergency and First Aid Procedures: Immediately flush skin or eyes with water for at least 15 mins. And seek medical attention. For inhalation get the person to fresh air, if swallowed give several glasses of Milk seek medical attention.			

Section VII – Precautions for safe Handling and Use:

Steps to be taken in case Material Is Released or Spilled: Eliminate all ignition sources, ventilate area Well, wear safety equipment. Collect small spills with absorbent material or neutralize with soda ash or lime
Waste Disposal Method: Ship to an EPA approved treatment or disposal facility. Suggested disposal is By incineration.
Precautions to be Taken in Handling And Storing: Keep containers closed, keep away from heat, sparks And open flames. Use adequate ventilation wear goggles and rubber gloves.
Other Precautions: Store above 16.6C to prevent freezing.

Section VIII – Control Measures

Respiratory Protection (Specify Type): Organic vapor canister or self contained breathing apparatus as needed		
Ventilation	Local Exhaust: Preferable	Special: No
	Mechanical: Acceptable	Other: No
Protective Gloves Rubber gloves	Eye Protection Vapor proof goggles	
Other Protective Clothing or Equipment: Wear protective clothing as necessary to prevent skin or eye contact		
Work/ Hygienic Practices: Wash hands regularly avoid exposure		