



05-1000

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) Excel (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.
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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 19, 2004

Section II – Hazardous Ingredients/Identity Information

Hazardous components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% Optional
Mixture of seven (7) chemical compounds in aqueous solution. This mixture is a trade secret formula. The hazards for chemicals not named here are stated elsewhere on the sheet.				
Water	H2O	Not established		64% +/-
Sodium Sulfit	Na2SO3	Not established		10% +/-
Pot Carbonate	K2CO3	Not established		5.3% +/-
Phenidone: Pyrazolidine	C9H10N2O	Not established		1.1% +/-
Chemical A		Not established		10% +/-
Chemical B		Not established		10% +/-
Chemical C		Not established		.025% +/-
Chemical D		Not established		.006% +/-

Section III – Physical/Chemical Characteristics:

Boiling Point:	250°F	Specific Gravity:	1.75
Vapor Pressure: (mm Hg)	0.1mmhg 20°C	Melting Point	NA
Vapor Density (AIR=1)		Evaporation Rate (Butyl Acetate =1)	NA
Solubility in Water: 100%			
Appearance and Order: Clear-Yellowish			

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, CO2, dry chemicals			
Special Fire Fighting Procedures: Wear Positive-pressure, self contained breathing apparatus.			

Section V – Reactivity Data

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

Incompatibility (Materials to Avoid)

Hazardous Polymerization	May Occur		Conditions to Avoid: Strong Oxidizers, strong acids
	Will Not Occur	X	Hazardous decomposition or by products: Possible nitrogen oxide. Do Not Heat above 60°C

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation: None	Skin: May cause irritation	Ingestion: Low toxicity
Health Hazards (Acute and Chronic): Eyes: may cause moderate irritation with corneal injury.			
Ingestion: Single dose oral toxicity is low, larger amounts may cause injury.			
Inhalation: Exposure to vapors is unlikely due to makeup of product.			
Skin: prolonged or repeated contact may cause skin irritation or burn.			
Carcinogenicity: No NTP: No IASC Monographs: No OSHA Regulated: Yes			
Signs and symptoms of Exposure: Skin: Irritation Eyes: Irritation			
Medical Conditions Generally Aggravated by Exposure: Repeated and excessive exposure may cause liver and kidney damage.			
Emergency and First Aid Procedures: Eyes: irrigate with flowing water for 15 minutes. Skin: wash off			
In flowing water remove contaminated clothing and wash. Ingestion: Induce vomiting.			
Inhalation: Remove to fresh air; in all cases consult medical personnel.			

Section VII – Precautions for safe Handling and Use:

Steps to be taken in case Material is Released or Spilled: Soak up with absorbent materials. Scoop into Waste container. Large spills: dike around spill and pump into suitable container.
Waste Disposal Method: For disposal please contact your local sewer and water authorities
Reprocess or burn in accordance with Federal, State and Local laws.
Precautions to be Taken in Handling And Storing: Avoid skin contact, Avoid breathing Vapors if generated. Do Not use sodium nitroting agents with this mixture. Suspected cancer causing nitrosamines could be found
Other Precautions: None

Section VIII – Control Measures

Respiratory Protection (Specify Type): Good Ventilation			
Ventilation	Local Exhaust: Yes	Special: No	
	Mechanical: Not Needed	Other: NA	
Protective Gloves: Rubber Gloves	Eye Protection: Splash Goggles		
Other Protective Clothing or Equipment: Apron			
Work/ Hygienic Practices: Wash hands, face and all equipment used and counter tops.			