



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) Liquidol Paper Developer (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: August 14, 2009

Section II – Hazardous Ingredients/Identity Information

Hazardous components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% Optional
An aqueous solution made of:				
Water H2O				91% +/-
Sodium Sulfite NA2SO3 CAS# 7757-83-7	5mg/m3	N/A	N/A	3% +/-
Hydroquinone C6H6O2 CAS# 123.31.9	2	2	N/A	.75% +/-
Sodium Carbonate NA2CO3 CAS# 5968-11-6	N/A	N/A	N/A	4% +/-
Chemical 1	N/A	N/A	N/A	.20% +/-
Chemical 2	N/A	N/A	N/A	.75% +/-
Chemical 3	N/A	N/A	N/A	.17% +/-
Chemical 4	N/A	N/A	N/A	.13% +/-

Section III – Physical/Chemical Characteristics:

Boiling Point:	225°F	Specific Gravity:	N/A
Vapor Pressure: (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR=1)	N/A	Evaporation Rate (Butyl Acetate =1)	Nil
Solubility in Water:	100%	ph-10.4	
Appearance and Order: Clear liquid with slight order			

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits: N/A	LEL	UEL
Extinguishing Media: N/A			
Special Fire Fighting Procedures: N/A			

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid: Mixing with strong oxidizers or ammonia
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Polymerization	May Occur		Conditions to Avoid:
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry: Eyes	Inhalation: N/A	Skin: Yes	Ingestion: Yes
Health Hazards (Acute and Chronic) Even though this is a very dilute formula there is danger if not handled properly. Can be irritating to the eyes and skin. If ingested it can upset the stomach. Skin Dermatitis may result if miss handled.			
Carcinogenicity: No	NTP: N/A	IASC Monographs: N/A	OSHA Regulated: No
Signs and symptoms of Exposure: Eyes- red or irritated, Skin- rash or irritation Ingestion- upset Stomach to the point of becoming very sick			
Medical Conditions Generally Aggravated by Exposure: Skin problems such as dermatitis causing allergic reaction.			
Emergency and First Aid Procedures: Wash eyes with excess water for 15 mins. Skin- wash with soap and water, using a Ph balanced soap such as phisoderm. Ingestion – induce vomiting and seek medical attention			

Section VII – Precautions for safe Handling and Use:

Steps to be taken in case Material IS Released or Spilled: Wear eye and skin protection, washing with excess water into a drain. Since this formula is a liquid be sure to dilute excessively.
Waste Disposal Method: For disposal please contact your local sewer and water authorities
Precautions to be Taken in Handling And Storing: Store in a cool dry, well ventilated, dark place away f From direct sunlight in tightly sealed containers
Other Precautions: Containers- even those that have been emptied, will retain residue and vapors.
Read warnings and handle empty containers as if they were full.

Section VIII – Control Measures

Respiratory Protection (Specify Type) N/A		
Ventilation	Local Exhaust: Yes	Special: No
	Mechanical: No	Other: No
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.		