Material Safety Data Sheet	U.S. Department of Labor
May be used to comply with	Occupational Safety And Health Administration
OSHA's Hazard Communication Standard	(Non-Mandatory Form)
29 CFR 1910.1200 Standard must be	Form Approved
Consulted for specific requirements	OMB No. 1218-0072

Identity (as used on label and list) Form-A-Flo Wetting Agent	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 1

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: March 11, 2005

Section II – Hazardous Ingredients/Identity Information

Hazardous components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% Optional
Mixture of (6) Chemical compounds in aqueous solution. This mixture is a trade secret formula. The hazards for chemicals not listed here as stated elsewhere on the sheet.				
Water H2O				90 %
Linear Alcohol Alkoxylates				2.83 %
CAS# 68131-39-5		None Established		1.83 %
52232-09-4		None Established		1.67 %
37311-02-7		None Established		2.00 %
37251-67-5		None Established		1.67 %

Section III – Physical/Chemical Characteristics:

Boiling Point:	212	Specific Gravity:	1.005
Vapor Pressure: (mm Hg)	N/A	Melting Point	32 F
Vapor Density (AIR=1)	N/A	Evaporation Rate (Butyl Acetate =1)	N/A
Solubility in Water: Complete			
Appearance and Order: Clear/light blue–green liquid, very slick			

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) 350F PMCC	Flammable Limits: N/A	LEL N/A	UEL N/A
Extinguishing Media: Use water, foam, dry chemical or CO2			
Special Fire Fighting Procedures: Cool fire, expose container with water. No unusual fire and explosion hazards.			

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid: N/A
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Polymerization	May Occur		Conditions to Avoid: avoid contact with strong oxidizing agents
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry: Eyes   Inhalation: Skin: Yes   Ingestion: Yes
Health Hazards (Acute and Chronic) Eye irritant, Oral LD50 (Rats) 5g/kg
Primary skin irritant score: 1.5
Carcinogenicity: No   NTP: No   IASC Monographs: No   OSHA Regulated: No
Signs and symptoms of Exposure: Burning, watery eyes
Medical Conditions Generally Aggravated by Exposure: May irritate dry or sensitive skin..
Emergency and First Aid Procedures: In case of eye or skin contact, flush immediately with plenty of water for 15 mins. If ingested, dilute by drinking water. See physician if symptoms occur and persist.

Section VII – Precautions for safe Handling and Use:

Steps to be taken in case Material is Released or Spilled: Mop up in the usual manner or use sand, vermiculite or other absorbent material used to soak up spills
Waste Disposal Method: For small quantity: Flush down the drain with excess water or dispose of as dry scrap.
Large quantity for disposal please contact your local sewer and water authorities
Precautions to be Taken in Handling And Storing: May develop haze or gel upon storage below 30º F. Product will reconstitute upon warming with mild agitation.
Other Precautions: Avoid prolonged skin contact with concentrate. Wearing splash protection is necessary, splash goggles.

Section VIII – Control Measures

Respiratory Protection (Specify Type) None required with normal use		
Ventilation	Local Exhaust: N/A	Special: N/A
	Mechanical: Acceptable	Other: N/A
Protective Gloves: None required	Eye Protection: Goggles or face shield for splash protection when handling concentrate	
Other Protective Clothing or Equipment: None required		
Work/ Hygienic Practices: Wash hands, face and all equipment used and counter tops.		