



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) TD-31 Substitute for Selectol Soft (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 27, 2011

Section II – Hazardous Ingredients/Identity Information

Hazardous components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% Optional
This mixture is a trade secret formula				
3 different packages of powder				
Package A - Chemical 1		None Established		14-16% +/-
Hydroquinone 29CFR 1910.1200		2mg/m ³		8-10% +/-
Package B - Potassium Bromide		5mg/m ³		1-2% +/-
Sodium Sulfite		None Established		34-36% +/-
Package C - Chemical 2		None Established		36-39% +/-

Section III – Physical/Chemical Characteristics:

Boiling Point:	N/A	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)	Negligible
Solubility in Water:	Appreciable		
Appearance and Order:	White to yellowish powder- odorless		

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) Non-Combustible	Flammable Limits: N/A	LEL	UEL
Extinguishing Media: Use agent appropriate for surrounding fire			
Special Fire Fighting Procedures: Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire or excessive heat may cause production of hazardous decomposition products.			

Section V – Reactivity Data

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

Incompatibility (Materials to Avoid) Strong Acids

Hazardous Decomposition or byproducts: As with any other organic material, carbon dioxide, and carbon monoxide

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

Section VI – Health Hazard Data

Route(s) of Entry: Eyes	Inhalation: Yes	Skin: Yes	Ingestion: Yes
Health Hazards (Acute and Chronic)			
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 seek medical attention, 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.
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 From direct sunlight in tightly sealed containers away from strong acids.
Other Precautions:

Section VIII – Control Measures

Respiratory Protection (Specify Type) Good general ventilation		
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.		