



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>Crone C Additive</b> (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
The information in this MSDS sheet contains the data for all chemicals in the mixture.	Date Prepared: October 19, 2013

Section II – Hazardous Ingredients/Identity Information

Hazardous components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% Optional
Mixture of five (5) 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			48% +/-
Sodium Sulfite	NA2SO3	None established		1% +/-
Isopropyl Alcohol/Isopropanol	C3H8O	See attached sheets		50% +/-
Other Compounds		None established	less than	.05% +/-
See Attached MSDS for Isopropyl Alcohol				

Section III – Physical/Chemical Characteristics:

Boiling Point:	180°F/20° C	Specific Gravity:	.786 At 20/20°C
Vapor Pressure: (mm Hg)	33mm HG	Melting Point	96
Vapor Density (AIR=1)	2.07	Evaporation Rate (Butyl Acetate =1)	2.3
Solubility in Water: Complete			
Appearance and Order: Clear light amber in color			

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) 53°F Tag closed cup	Flammable Limits: Not determined	LEL 2	UEL 12
Extinguishing Media: CO2, or dry chemicals			
Special Fire Fighting Procedures: None			

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid: High temperatures, severe oxidizing conditions, heat
	Stable	X	Sparks and open flames.

Incompatibility (Materials to Avoid)

Hazardous Polymerization	May Occur		Conditions to Avoid: Anhydride, isocyanate, monomer, and organometallic contamination.
	Will Not Occur	X	Burning may produce carbon monoxide and/or carbon dioxide

Section VI – Health Hazard Data

Route(s) of Entry: Yes	Inhalation: Yes	Skin: Yes	Ingestion: Yes
Health Hazards (Acute and Chronic): Ingestion: may result in toxic effects. Inhalation: Dizziness or drunkenness. Skin: May be absorbed			
Eyes: Irritation, moderate burning with redness.			
Carcinogenicity: No	NTP: No	IASC Monographs: No	OSHA Regulated: Yes
Signs and symptoms of Exposure: Eyes: Tearing, redness and swelling, Skin: Minor burning, itching and redness. Ingestion: toxic effects. Inhalation: Coughing, shortness of breath dizziness and Drunkenness.			
Medical Conditions Generally Aggravated by Exposure: Eyes: conjunctivitis, corneal damage, Inhalation: Irritation or damage to the pulmonary tissue. Ingestion: Toxic effects, Skin: De-fattening of the skin.			
Emergency and First Aid Procedures: Eyes: Flush with low pressure luke warm water for 15 minutes. Inhalation: Move to fresh air, give oxygen or artificial respiration, keep victim quite. Skin: Wash for 5 minutes. Ingestion Give luke warm water, DO NOT induce vomiting, and seek medical help.			

Section VII – Precautions for safe Handling and Use:

Steps to be taken in case Material Is Released or Spilled: Release may cause fire/explosion, evacuate nonessential personnel, stop release if feasible. Notify fire and water suppliers and pollution control.
Absorb small spills onto inert solids, shovel into disposable containers.
Waste Disposal Method: For disposal please contact your local sewer and water authorities
Landfill properly contained, burn concentrated liquid waste in proper combustion system. Assume emissions are in compliance. All waste to be considered hazard waste due to low flash point.
Precautions to be Taken in Handling And Storing: Store only in tightly closed containers away from heat, sparks, open flame or strong oxidizing agent. DO NOT store or ship in aluminum containers.
Other Precautions: It is recommended that any non-hazardous materials contaminated with this product And intended for disposal be sent as waste Isopropanol mixture flammable liquid un 1219 Through its odor and irritant effects can be detected below PEL and TLV limits

Section VIII – Control Measures

Respiratory Protection (Specify Type)		
Ventilation	Local Exhaust: Yes	Special: No
	Mechanical: No	Other: No
Protective Gloves: Rubber Gloves	Eye Protection: Splash goggles	
Other Protective Clothing or Equipment: Apron, head and face protection		
Work/ Hygienic Practices: Wash hands, face and all equipment used and counter tops. Emergency eyewash and safety showers should be available.		