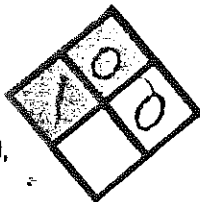


Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.



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)
TAF-1 PRINT IMPROVER

A TRADE SECRET
FORMULA

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name PHOTOGRAPHERS FORMULARY INC.	Emergency Telephone Number (406) 543-4534 1-800-777-7158
Address (Number, Street, City, State, and ZIP Code) PO BOX 5105 MISSOULA MT 59806	Telephone Number for Information 1-800-777-7158
THE INFORMATION IN THIS MSDS SHEET	Date Prepared 9-13-88
CONTAINS THE INFORMATION FOR ALL CHEMICALS IN MIXTURE.	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
This mixture is a trade secret formula.				
CHEMICAL #1 10 grams	none established			+/- 100%

Section III — Physical/Chemical Characteristics

Boiling Point 76mm Hg;	350c	Specific Gravity (H ₂ O = 1)	1.36
Vapor Pressure (mm Hg.) 20c	.04mm	Melting Point	NA
Vapor Density (AIR = 1)	4.1	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water % by wt. at 20c 2			
Appearance and Odor off white flakes-slight odor.			

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) 340F	Flammable Limits	LEL .03 oz/cntd	UEL NA
Extinguishing Media Carbon dioxide, dry chemical foam			
Special Fire Fighting Procedures Full protective equipment, self-contained breathing apparatus. Fog nozzles are preferable.			
Unusual Fire and Explosion Hazards Airborne dust is rated severe, explosion hazard minimum concentration. .03 ounce per cubic feet			

(Reproduce locally)

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid Oxidizing agents
	Stable	x	

Incompatibility (Materials to Avoid)
Oxidizing agents

Hazardous Decomposition or Byproducts

Carbon dioxide, carbon monoxide, nitrogen oxides.

Hazardous Polymerization	May Occur		Conditions to Avoid NA
	Will Not Occur	x	

Section VI — Health Hazard Data

Route(s) of Entry: EYES YES Inhalation? NO Skin? NO Ingestion? YES

Health Hazards (Acute and Chronic)

Eyes: Will cause irritation. Detailed information about effects of overexposure in a human is unavailable. Animal studies have indicated an effect on central nervous system.

Carcinogenicity: no NTP? no IARC Monographs? no OSHA Regulated? yes

Signs and Symptoms of Exposure

Toxicity data: Oral LD50 (rats): 560mg/kg: Not a primary skin irritant
Dermal LD50 (rabbit): 2gm/kg: causes severe eye irritation: Inhalation: 3 hour LC50

Medical Conditions

Generally Aggravated by Exposure Not established (rats) 1.9mg/liter air

Emergency and First Aid Procedures

SKIN: Wash with soap & water. EYES: Wash with large amounts of water for 15 MIN. CALL DR. INGESTION: Cause to vomit. Give several glasses of water. CALL DR. INHALATION: Remove from exposure.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Dampen spill with water. Ventilate to disperse dust. Sweep up and place in waste disposal container.

Waste Disposal Method

Sanitary landfill or incinerate in accordance with local, State and Federal regulations.

Precautions to Be Taken in Handling and Storing

Store in cool dry area. Avoid creating carbon dust.

Other Precautions

Avoid contact with skin, eyes, and clothing. Avoid inhalation of dust and vapor.

Section VIII — Control Measures

Respiratory Protection (Specify Type)

Dust: Masks

Ventilation	Local Exhaust	Recommended	Special	no
	Mechanical (General)	no	Other	no

Protective Gloves

Rubber Gloves

Eye Protection

Other Protective Clothing or Equipment

Apron

Work/Hygienic Practices

Exercise reasonable care and caution.