

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) A TRADE SECRET
TS-4 ODORLESS STOP BATH 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 CONTAINS THE INFORMATION FOR ALL CHEMICALS IN MIXTURE.	Date Prepared 9-13-88
	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 30 grams	none	established		+/- 100%

Section III — Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H ₂ O = 1)	1.51
Vapor Pressure (mm Hg.)	NA	Melting Point	170-185
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water Moderate-4.88g/100g H ₂ O @ 20c			
Appearance and Odor white, odorless solid			

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	NA	Flammable Limits	NA	LEL	UEL
Extinguishing Media None. Product ingerent fire retardant					
Special Fire Fighting Procedures none					
Unusual Fire and Explosion Hazards none					

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid None
	Stable	x	

Incompatibility (*Materials to Avoid*)

Reacts with alkaline or basic to form salts

Hazardous Decomposition or Byproducts

None

Hazardous Polymerization	May Occur		Conditions to Avoid None
	Will Not Occur	x	

Section VI — Health Hazard Data

Route(s) of Entry: EYES Inhalation? Skin? Ingestion?
 YES No adverse affects yes yes

Health Hazards (*Acute and Chronic*)

Hazard is low. Chief toxic effect is a cumulative posion acting on nervous system. Acute wxposures from ingestion or absorption through damaged skin may cause depression and shock followed by respiratory failure. Not absorbed through intact skin.

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

Signs and Symptoms of Exposure

INGESTION: mausea, vomiting and diarrhea. EYE: Irritation. SKIN: Irritation.
 INHALATION: No adverse effects.

Medical Conditions

Generally Aggravated by Exposure

Emergency and First Aid Procedures

INGESTION: Call doctor, induce vomiting at least 3 times. EYES: Flush with water. SKIN: Flush with water. INHALATION: Remove from contaminated area.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Dry spills sweep up for disposal. Use standard procedures.
 Liquid- wash down drain with large amounts of water.

Waste Disposal Method

Standard disposal procedure. Presents no health hazard. Check with local authorities.

Precautions to Be Taken in Handling and Storing

Store in dry place

Other Precautions

None

Section VIII — Control MeasuresRespiratory Protection (*Specify Type*)

DUST MASK

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

Protective Gloves Rubber Gloves Eye Protection Goggles

Other Protective Clothing or Equipment

Apron, boots, face and head protection in large quantities.

Work/Hygienic Practices

Exercise reasonable care and caution.