



1282722

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) BATH LIQUID	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.
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Section I Cat. No. 2100

Manufacturer's Name PRECISION SYSTEMS, INC.	Emergency Telephone Number 508-655-7010
Address (Number, Street, City, State, and ZIP Code) 16 Tech Circle	Telephone Number for Information 508-655-7010 x306
Natick, MA 01760	Date Prepared 7/12/06
USA	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)
Ethylene Glycol 33%			CAS #107-21-1	
Water 66%				
Stabilizer - less than 1%				
Dye - less than 1%				

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.038
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	2.1	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Complete		

Appearance and Odor	Blue liquid with mild odor
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Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	240° F	Flammable Limits	LEL	UEL
			3.2	15.3
Extinguishing Media	Use CO ₂ or Dry Chemical Extinguisher			
Special Fire Fighting Procedures	Use self-contained breathing apparatus and protective clothing			
Unusual Fire and Explosion Hazards	N/a			

(Reproduce locally)

OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (Materials to Avoid)	H ₂ SO ₄		
Hazardous Decomposition or Byproducts			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? 50 PPM TLV	Skin?	Ingestion?
Health Hazards (Acute and Chronic)	Skin contact: Wash well with water		
Carcinogenicity: N/A	NTP? N/A	IARC Monographs? N/A	OSHA Regulated?
Signs and Symptoms of Exposure			

Moderately irritating to skin, eyes and mucous membranes. May cause kidney damage if ingested.	
(300 ml estimated lethal in man)	
Medical Conditions Generally Aggravated by Exposure Inhalation or ingestion: Get medical attention immediately.	
Emergency and First Aid Procedures Wash with water.	

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Contain spill with barrier, absorb into paper, or dilute into a large volume of water.	
Waste Disposal Method Small amounts may be diluted and disposed into sewer if local regulations approve.	
Precautions to Be taken in Handling and Storing Store in a cool, dry place. Keep away from heat or any food products.	
Other Precautions N/A	

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>)		
Ventilation	Local Exhaust	Special
	Mechanical (<i>General</i>)	Other
Protective Gloves	Wear Protective Gloves	Eye Protection
		Wear Safety Glasses
Other Protective Clothing or Equipment Wear lab coat or apron		
Work/Hygienic Practices N/A		

* U.S.G.P.O.: 1986 - 491 - 529/45775