

MATERIAL SAFETY DATA SHEET

NPVLA 6-70

(Approved by U.S. Department of Labor "Essentially Similar" to Form LSB-00S-4)

Section I

MANUFACTURER'S NAME		Precision Laboratories Inc.	
STREET ADDRESS		P.O. Box 127	
CITY, STATE, AND ZIP CODE		Northbrook, Illinois 60062	
EMERGENCY TELEPHONE NO.		312-498-0800	
CHEMICAL NAME AND SYNONYMS		TRADE NAME	
N/A		RAMROD	
CHEMICAL FAMILY		FORMULA	
Acidic Drain Line Maintainer		N.A	

Section II — HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS

PIGMENTS	%	TLV (Units)	SOLVENTS	%	TLV (Units)
CATALYST	%	TLV (Units)	ADDITIVES	%	TLV (Units)
THICKENER	%	TLV (Units)	OTHERS	%	TLV (Units)

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES

	%	TLV (Units)
Sulfuric Acid		1mg/m ³

Section III — PHYSICAL DATA

BOILING POINT (*F.)	130 F C.O.C.	SPECIFIC GRAVITY (H ₂ O=1)	1.76
VAPOR PRESSURE (mm Hg.)	4 & 20°C	PERCENT VOLATILE BY VOLUME (%)	Under 10%
VAPOR DENSITY (AIR=1)	5.3	EVAPORATION RATE (.....=1)	Under 1.0
SOLUBILITY IN WATER	Over 90%		
APPEARANCE AND ODOR	Two phases-Upper layer clear with aromatic odor.		
	Lower layer dark.		

Section IV — FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	130°F T.O.C.	FLAMMABLE LIMITS	LeI	UeI
			1	6
EXTINGUISHING MEDIA CO ₂ , Dry Chemical				
SPECIAL FIRE FIGHTING PROCEDURES Water applied directly to sulfuric acid cause evolution of heat and spattering.				
UNUSUAL FIRE AND EXPLOSION HAZARDS Highly reactive and capable of igniting finely divided combustible materials on contact.				

Section V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	1 mg/m ³
EFFECTS OF OVEREXPOSURE	DANGER - POISON - Causes severe burns. Sulfuric acid mist severely irritates the eyes, respiratory tract, and skin. Concentrated sulfuric acid destroys tissue due to its severe dehydrating action.
EMERGENCY AND FIRST AID PROCEDURES	Eyes-Wash eyes at once with large amounts of water lifting lower and upper lids occasionally. Call physician. Skin-Flush with water. Call physician. Ingestion-If Conscious give large amounts of water at once. Do not induce vomiting. Call physician.

Section VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Avoid heating to abnormal temperatures
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) Avoid contact with organic chlorates, carbides, fulminates, picrates and strong alkalis.			
HAZARDOUS DECOMPOSITION PRODUCTS Oxides of sulfur and carbon may be formed upon combustion.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID None
	WILL NOT OCCUR	X	

Section VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Wear protective equipment and clothing before entering area. Ventilate area. Absorb in a absorbent, dry sand or earth or dilute with water.
WASTE DISPOSAL METHOD	Place used absorbent in sealed containers and dispose of in a secured sanitary landfill. Alternately, dilute with water and neutralize, then flush to sewer.

Section VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		None required		
VENTILATION	LOCAL EXHAUST	Hood or Fan	SPECIAL	N/A
	MECHANICAL (General)	Maintain adequate ventilation	OTHER	N/A
PROTECTIVE GLOVES	Rubber or Polyethylene gloves		EYE PROTECTION	Use face shield
OTHER PROTECTIVE EQUIPMENT	Impervious clothing or apron			

Section IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Store in a dry, cool area. Keep out of reach of children.
OTHER PRECAUTIONS	Read entire label before using.