

# 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**

333 Anthony Trail

**CITY, STATE, AND ZIP CODE**

Northbrook, Illinois 60062

**EMERGENCY TELEPHONE NO.**

(312) 498-0800

**CHEMICAL NAME AND SYNONYMS****TRADE NAME**

SANACLEAN

**CHEMICAL FAMILY****FORMULA**

## Section II — HAZARDOUS INGREDIENTS

### PAINTS, PRESERVATIVES, & SOLVENTS

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

### HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES

	%	TLV (Units)
Hydrogen Chloride	1	5 ppm
C.A.S. No. 7647-01-0		

## Section III — PHYSICAL DATA

BOILING POINT (°F.)	212°F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.05
VAPOR PRESSURE (mm Hg.)	20 mm Hg @ 20°C	PERCENT VOLATILE BY VOLUME (%)	90%
VAPOR DENSITY (AIR=1)	0.8	EVAPORATION RATE (B.P. ACET. = 1)	1.0
SOLUBILITY IN WATER	Complete		
APPEARANCE AND ODOR	Opaque liquid pleasantly scented.		

## Section IV — FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LeI	UeI

**EXTINGUISHING MEDIA**

None

Water

**SPECIAL FIRE FIGHTING PROCEDURES**

Hydrogen chloride is released when product is heated. Use a gas mask.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Acid fumes react with most common metals to produce hydrogen gas which can be a fire hazard.

## Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE  
5 ppm (Hydrogen Chloride)

EFFECTS OF OVEREXPOSURE

EYES: May produce chemical burns

EXTERNAL: May produce chemical burns.

INTERNAL: May be fatal if swallowed.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Wash eyes with water for 15 minutes. Get prompt medical attention. INTERNAL: Drink a teaspoonful or more of magnesia. Call a physician at once. EXTERNAL: Flood with water

using soap freely, then cover with moist baking soda.

## Section VI — REACTIVITY DATA

ABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

Avoid heating to abnormal temperatures.

COMPATIBILITY (Materials to avoid)

Avoid strongly caustic materials. Avoid strong oxidants.

HAZARDOUS DECOMPOSITION PRODUCTS

HCl and oxides of carbon formed upon combustion.

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

None

## Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Provide ventilation. Wear protective clothing. Wipe or mop up spills then rinse with water.

WASTE DISPOSAL METHOD

Neutralize acid with soda ash. Then flush with water to sewer.

## Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

None required

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL GENERAL

As necessary to eliminate fumes  
Maintain adequate ventilation

N.A.

OTHER

PROTECTIVE GLOVES

Rubber or Plastic

EYE PROTECTION

Safety Glasses

OTHER PROTECTIVE EQUIPMENT

None required

## Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

DANGER: Keep out of reach of children. Corrosive. Avoid contact with eyes, skin or clothing. Avoid breathing vapors or fumes.

OTHER PRECAUTIONS

Read entire label before using.