Required under USDL Safety and Health Regulations for Shipyard Employment (29 CFR 1915)

Occupational Safety and Health Administration

OMB No. 1218-0074
Expiration Date 05/31/86

CAS NO 7558-79-4

Section I

Manufacturer's Name
MICRO ESSENTIAL LABORATORY INC

Emergency Telephone Number
718-338-3618

Address (Number, Street, City, State, and ZIP Code)
4224 AVENUE H

BROOKLYN, NEW YORK 11210

Chemical Name and Synonyms SODIUM PHOSPHATE, DIBASIC, ANHYDROUS

Trade Name and Synonyms HYDRION BUFFER SALTS pH VALUES 5.00-8.00 pH 11.00

Chemical Family SALTS

Formula Na_2HPO_4

Section II - Hazardous Ingredients

Paints, Preservatives, and Solvents	%	TLV (Units)	Alloys and Metallic Coatings	%	TLV (Units)
Pigments			Base Metal		
Catalyst			Alloys		
Vehicle			Metallic Coatings		
Solvents			Filler Metal Plus Coating or Core Flux		
Additives			Others		
Others					

Hazardous Mixtures of Other Liquids, Solids or Gases

	%	TLV (Units)

Section III - Physical Data

Boiling Point (°F)		Specific Gravity (H_2O=1)	
Vapor Pressure (mm Hg.)		Percent Volatile by Volume (%)	
Vapor Density (AIR=1)		Evaporation Rate (_____ =1)	

Solubility in Water
SOLUBLE IN 8 PARTS WATER , MORE SOLUBLE IN HOT WATER

Appearance and Odor
WHITE GRANULAR POWDER, ODORLESS

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	Lel	Uel
NON- FLAMMABLE			

Extinguishing Media

Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards

Section V - Health Hazard Data

Threshold Limit Value: UNKNOWN

ORAL LD_{50} (RAT) 5950 mg/kg PRACTICALLY NON TOXIC
DERMAL LD_{50} (RABBIT) 7940 mg/kg PRACTICALLY NONTOXIC

Effects of Overexposure

MILD IRRITANT TO EYES, SKIN, NOSE AND THROAT; INTERNAL: CAUSES PURGING

Emergency First Aid Procedures

EYE CONTACT: IRRIGATE WITH RUNNING WATER FOR 10-15 MINUTES. CONSULT A PHYSICIAN.

SKIN CONTACT: WASH WITH WATER

INHALATION: REMOVE TO FRESH AIR

Section VI - Reactivity Data

Stability	Unstable		Conditions to Avoid: ACIDS
	Stable: XXXX		

Incompatability (Materials to Avoid)

Hazardous Decomposition Products

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur: XXXX		

Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled

SWEEP UP AND PLACE IN CONTAINER. RESIDUE CAN BE WASHED TO SEWER OR DRAIN WITH WATER.

Waste Disposal Method

WASH AWAY WITH WATER. DRAIN TO SEWER.

Section VIII - Special Protection Information

Respiratory Protection (Specify Type)

U.S.B.M. APPROVED TOXIC DUST RESPIRATOR(WHEN WORKING WITH BULK POWDER.)

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other

Protective Gloves: GENERAL PURPOSE(WHEN WORKING WITH BULK POWDER)	Eye Protection: CHEMICAL SAFETY GOGGLES(WITH BULK POWDER)

Other Protective Equipment

FULL COVER CLOTHING

Section IX - Special Precautions

Precautions to be Taken in Handling and Storing

STORE IN COOL DRY AREA.

Other Precautions