

Material Safety Data SheetRequired under USDL Safety and Health Regulations
for Shipyard Employment (29 CFR 1915)**U.S. Department of Labor**

Occupational Safety and Health Administration

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

CAS NO 7778-77-0

Section I

Manufacturer's Name

MICRO ESSENTIAL LABORATORY

Emergency Telephone Number

718-338-3618

Address (Number, Street, City, State, and ZIP Code)

4224 AVENUE H

Chemical Name

and Synonyms POTASSIUM PHOSPHATE MONOBASIC

Trade Name

and Synonyms HYDRION pH BUFFER SALTS pH VALUES 5.0-8.

BROOKLYN, NEW YORK 11210

Chemical

Family

SALTS

Formula

 H_2K_04P **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)

MELTING POINT -H2O, 253°C

Specific Gravity (H₂O=1)

BULK DENSITY 1.2G/ML

Vapor Pressure (mm Hg.)

Percent Volatile by Volume (%)

Vapor Density (AIR=1)

Evaporation Rate

= 1)

Solubility in Water

SOLUBLE IN 4.5 PARTS WATER

Appearance and Odor

COLORLESS CRYSTALS OR WHITE GRANULAR POWDER.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

NON- FLAMMABLE

Flammable Limits

Lel

Uel

Extinguishing Media

Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards

Section V - Health Hazard Data

Threshold Limit Value

NO PUBLISHED DATA

Effects of Overexposure

Emergency First Aid Procedures

EYE CONTACT; WASH WITH RUNNING WATER FOR 10-15 MINUTES AND CONSULT A PHYSICIAN;

SKIN CONTACT; WASH WITH COLD WATER.

Section VI - Reactivity Data

Stability

Unstable

Conditions to Avoid

Stable

XXXXX

Incompatibility (Materials to Avoid)

Hazardous Decomposition ProductsHazardous
Polymerization

May Occur

Conditions to Avoid

Will Not Occur

XXXXXX

Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled

SWEEP POWDER INTO A CONTAINER. RESIDUAL CAN BE WASHED TO AN APPROVED
SEWER OR DRAIN.

Waste Disposal Method

DISPOSE AT AN APPROVED DISPOSAL SITE.

Section VIII - Special Protection Information PERTAINS ONLY TO BULK POWDER HANDLING !!!

Respiratory Protection (Specify Type)

NIOSH APPROVED TOXIC DUST RESPIRATOR.

Ventilation

Local Exhaust

Special

Mechanical (General)

Other

Protective Gloves

RUBBER GLOVES.

Eye Protection

SAFETY GOGGLES

Other Protective Equipment

FULL COVER CLOTHING.

Section IX - Special Precautions

Precautions to be Taken in Handling and Storing

STORE IN COOL & DRY PLACE. KEEP IN TIGHTLY CLOSED CONTAINERS.

MATERIAL IS HYGROSCOPIC

Other Precautions