

Material Safety Data Sheet

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

U.S. Department of Labor
Occupational Safety and Health Administration

13-640-303B
BUFFER CAPSULE PH
10F4
OMB No. 1218-0074
Expiration Date 05/31/86

UM#1-78

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
POTASSIUM BIPHthalate (POTASSIUM ACID PHTHALATE)

Trade Name and Synonyms
HYDRION BUFFER SALTS pH VALUES 2.00-4.00

Chemical Family
Formula
HOCOC₆H₄COOK

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 ₂ O=1)	
		1.636	
Vapor Pressure (mm Hg.)		Percent Volatile by Volume (%)	
Vapor Density (AIR=1)		Evaporation Rate	
		=1)	

Solubility in Water

SOLUBLE IN 12 PARTS COLD WATER

Appearance and Odor

WHITE ORTHORHOMBIC CRYSTALS. ODORLESS.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LeI	Uel
NON FLAMMABLE			

Extinguishing Media

Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards