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## **PHOSPHOMOLYBDIC ACID**

### **MSDS Number**

BHCHF

### **National Stock Number**

6810-01-270-8747

### **Product Name**

PHOSPHOMOLYBDIC ACID

### **Manufacturer**

MALLINCKRODT INC SCIENCE PRODUCTS DIV

### **Product Identification**

Product ID:PHOSPHOMOLYBDIC ACID

MSDS Date:04/06/1989

FSC:6810

NIIN:01-270-8747

MSDS Number: BHCHF

### **Responsible Party**

MALLINCKRODT INC. SCIENCE PRODUCTS DIVISION

PARIS BYPASS

PARIS , KY 40361

US

Emergency Phone: 314-982-5000

Info Phone: 314-982-5000

Cage: 62910

### **Contractor**

MALLINCKRODT SPECIALTY CHEMICALS CO

PHILLIPSBURG, NJ 08865

US

908-859-2151

Cage: 62910

### **Ingredients**

PHOSPHOMOLYBDIC ACID

CAS: 11104-88-4

Fraction By Weight: 100.0%

OSHA PEL5 MG/M3 AS( MO)

ACGIH TLV: 5 MG/M3 AS(MO)

### **Hazards**

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:SEVERE IRRITATION OR BURNS OF SKIN AND EYES.EYE DAMAGE POSSIBLE.INHALATION MAY CAUSE IRRITATION OF RESPIRATORY TRACT,COUGHING,SORE THROAT,SHORTNESS OF BREATHE.INGESTION MAY CAUSE SEVERE IRRITATI ON OF MOUTH AND THROAT,NAUSEA,ABDOMINALPAIN,AND VOMITING.CHRONIC:NO INFORMATION AVAILABLE.

Explanation of Carcinogenicity:DATA PER MGF MSDS.

Effects of Overexposure:CORROSIVE MATERIAL,MAY CAUSE SEVERE IRRITATION OF EYES,SKIN,RESPIRATORY OR G.I. TRACTS; EYES,G.I.OR LUNGS DAMAGE



POSSIBLE.  
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE WORSEN.

## First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR;SEEK MEDICAL ATTENTION.  
INGESTION:DO NOT INDUCE VOMITING;SEEK A PHYSICIAN IMMEDIATELY.  
EYES:WASH WITH PLENTY OF WATER FOR ABOUT 15-20 MINUTES,GET MEDICAL ATTENTION IMMEDIATELY. SKIN:WASH THOROUGHLY WITH PLENTYOF WATER AND SEEK MEDICAL HELP.

## Fire Fighting

Flash Point:NONE  
Extinguishing Media:USE ANY SUITABLE MEDIA FOR SURROUNDING FIRE.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE EXPLOSION HAZARDS.

## Accidental Release

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP OR VACUUM AND COLLECT FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.  
Neutralizing Agent:SODA ASH

## Handling

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED AREA.KEEP CONTAINER CLOSED WHEN NOT IN USE.  
Other Precautions:WASH THOROUGHLY AFTER EACH USE.

## Exposure Controls

Respiratory Protection:USE NIOSH/MDHA APPROVED RESPIRATOR FOR A ACID DUST/MIST IF ABOVE PEL/TLV.  
Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.  
Protective Gloves:IMPERVIOUS  
Eye Protection:CHEMICAL SAFETY GOGGLES OR FACE SHIELD.  
Other Protective Equipment:APRON,BOOTS,LAB COAT,EYE-WASH FACILITIES,SAFETY SHOWER.  
Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN:DO NOT BREATHE DUST/MIST;WASH THOROUGHLY AFTER USE.  
Supplemental Safety and Health  
CORROSIVE MATERIAL,USE AS DIRECTED.

## Chemical Properties

HCC:B1  
Spec Gravity:2.5  
Solubility in Water:SLIGHT  
Appearance and Odor:BRIGHT YELLOW CRYSTALS,ODORLESS.

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG BASES.  
Stability Condition to Avoid:EXTREME HEAT.  
Hazardous Decomposition Products:OXIDES OF PHOSPHORUS AND MOLYBDENUM.

## Disposal

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES;DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS

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