



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

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.

