

TRISODIUM PHOSPHATE ANHYDROUS

MSDS Number

BDBPM

National Stock Number

6810-00-141-6080

Product Name

TRISODIUM PHOSPHATE ANHYDROUS

Manufacturer

FMC CORP PHOSPHORUS CHEMICALS DIV

Product Identification

Product ID:TRISODIUM PHOSPHATE ANHYDROUS

MSDS Date:03/09/1999

FSC:6810

NIIN:00-141-6080

MSDS Number: BDBPM

Responsible Party

FMC CORP,PHOSPHORUS CHEMICALS DIV

1735 MARKET ST.

PHILADELPHIA , PA 19103

US

Emergency Phone: 303-595-9048,800-424-9300(CHEMTREC)

Info Phone: 215-299-6000

Cage: KO220

Contractor

LOS ANGELES CHEMICAL CO

1987

SOUTH GATE, CA 90280

US

213-562-9500

Cage: 75656

Ingredients

SODIUM PHOSPHATE, TRIBASIC (SARA III)

CAS: 7601-54-9

RTECS: TC9490000

Fraction By Weight: 97%

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT)=6.5 G/KG.

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: EYE AND SKIN CAUSES IRRITATION.

INHALATION OF HEAVY DUST MAY IRRITATE NOSE AND THROAT. INGESTION

MAY INJURE MOUTH, THROAT, AND GASTROINTESTINAL TRACT. CHRONIC: NO

LONG TERM HUMAN STUDIES HAVE BEEN REPORTED.

Effects of Overexposure:EYE AND SKIN: CAUSES IRRITATION. NO SIGNIFICANT

SKIN ABSORPTION HAZARD. INHALATION: SMALL AMOUNTS OF DUST ARE VERY IRRITATING. INGESTION: SLIGHT TOXIC.

Medical Cond Aggravated by Exposure:PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid

First Aid:EYES; FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF BREATHING DIFFICULTY OR DISCOMFORT OCCURS AND PERSISTS, GET MEDICAL ATTENTION. INGESTION: RINSE MOUTH WITH WATER. GIVE 1 OR 2 GLASSES OF WATER.DO NOT INDUCE VOMITING.GET MEDICAL ATTENTION.

Fire Fighting

Flash Point:NON-COMBUSTIBLE

Extinguishing Media:USE MEDIA APPROPRIATE 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:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

Accidental Release

Spill Release Procedures:SWEEP UP WITHOUT CREATING DUST AND RETURN TO PROCESS, IF POSSIBLE OR PLACE IN SALVAGE CONTAINERS FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN A COOL, DRY, VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE DUST. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY. MATERIAL IS STRONGLY BASIC. AVOID CONTACT WITH EYES AND SKIN.

Exposure Controls

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), OR IF AIRBORNE DUST IS EXPECTED, USE NIOSH/MSHA APPROVED DUST RESPIRATOR.

Ventilation:PROVIDE MECHANICAL LOCAL EXHAUST VENTILATION TO PREVENT RELEASE OF DUST INTO WORK AREA.

Protective Gloves:WEAR WORK GLOVES TO PREVENT SKIN CONTACT

Eye Protection:SAFETY GOGGLES WITH SIDE SHIELDS.

Other Protective Equipment:WEAR LONG SLEEVE SHIRT AND SAFETY SHOES.

PROVIDE EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

PH OF 1% SOLUTION @25C: 11.9.

Chemical Properties

HCC:B3

Boiling Pt:B.P. Text:>2372F,>130

Melt/Freeze Pt:M.P/F.P Text:2372F,1300C

Spec Gravity:BULK=1.0G/ML

pH:11.9

Solubility in Water:12@25C

Appearance and Odor:WHITE GRANULES OR POWDER. NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
NONE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE

Conditions to Avoid Polymerization:WILL NOT OCCUR.

Disposal

Waste Disposal Methods:MAY BE DISPOSED IN SANITARY LANDFILL IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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