



PHOSPHORUS,RED

MSDS Number

BBCVH

National Stock Number

6810-00D000505

Product Name

PHOSPHORUS,RED

Manufacturer

HUMMEL CHEMICAL COMPANY INC

Product Identification

Product ID:PHOSPHORUS,RED
MSDS Date:01/01/1987
FSC:6810
NIIN:00D000505
MSDS Number: BBCVH

Responsible Party

HUMMEL CHEMICAL COMPANY,INC.
10 HARMICH RD
SOUTH PLAINFIELD , NJ 07080
US
Cage: 60728

Contractor

HUMMEL CROTON INC
SOUTH PLAINFIELD, NJ 07080
US
908-754-1800
Cage: 60728

Ingredients

PHOSPHORUS,RED,AMORPHOUS,CAS#7723-14-0
CAS: 7723-14-0
RTECS: TH3495000
Fraction By Weight: 100%
ACGIH TLV: 0.1MG/CUM-YELL.
EPA Report Quantity: 1 LB
DOT Report Quantity: 1 LB

Hazards

Effects of Overexposure:IRR.TO EYES;OTHERWISE NON-TOX.UNLESS CONTAM.BY
HIGHLY TOX.YELLOW PHOSPHORUS AS AN IMPURITY.

First Aid

First Aid:SKIN:WASH WITH SOAP AND WATER. EYES: FLUSH WITH WATER.
INHALED: REMOVE TO FRESH AIR. REMOVE CONTAMINATED CLOTHING.ING:SEE
DOCTOR IMMEDIATELY.

Fire Fighting

Extinguishing Media:CO*2, FOAM, DRY CHEM, SAND



Fire Fighting Procedures: AFTER EXTINGUISH, PREVENT REIGN. BY EXCL. O₂. KEEP MTL. WET.
Unusual Fire/Explosion Hazard: HEAT CAN REVERSE TO YELLOW PHOSPHORUS WHICH IS TOXIC & SPONTANEOUSLY FLAMMABLE. BURNING YIELDS TOXIC OXIDES OF PHOSPHORUS.

Accidental Release

Spill Release Procedures: COVER WITH INERT FILLER (SAND, CLAY, ETC.), SHOVEL & SWEEP UP CAREFULLY FOR RECLAIM OR USE-REPEAT IF NECESSARY TO CLEAN UP LAST TRACES OF SPILL.

Handling

Handling and Storage Precautions: STORE IN COOL, DRY PLACE AWAY FROM HEAT OR FIRE HAZARD. KEEP SEPARATE FROM OXIDIZERS & ALKALIES. HANDLE CAREFULLY TO AVOID FRICTION OR DUSTING.
Other Precautions: USE NON-SPARKING TOOLS.

Exposure Controls

Respiratory Protection: DUST MASK, NUISANCE DUST.
Ventilation: NORMAL ROOM VENTILATION.
Protective Gloves: FLAME PROOF
Eye Protection: CHEMICAL SAFETY GLASSES
Other Protective Equipment: FLARE PROOF, FULL PROTECTIVE EQUIPMENT.
Supplemental Safety and Health
MSDS UNDATED/BULK DENSITY: 0.95-1.20/

Chemical Properties

HCC: F8
Boiling Pt: B.P. Text: 395F-IGNITE
Vapor Density: 4.77
Spec Gravity: SUPPL.
Solubility in Water: NEGL.
Appearance and Odor: VIOLET-RED, AMORPHOUS POWDER

Stability

Stability Indicator/Materials to Avoid: YES
OXIDIZERS LIKE CHLORATE, NITRATE, HALOGEN-STRONG ALKALINE HYDROXIDE
Stability Condition to Avoid: HEAT, SPARKS, FRICTION, MECHANICAL SHOCK.
Hazardous Decomposition Products: AIR & MOISTURE LIBERATE PHOSPHORIC ACIDS & TOXIC, FLAMMABLE PHOSPHINE GAS.

Disposal

Waste Disposal Methods: RECOVER AND USE OR INCINERATE UNDER CAREFUL SUPERVISION IN EQUIPMENT DESIGNED TO HANDLE OXIDES OF PHOSPHORUS AS COMBUSTION PRODUCTS.

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