

PHOSPHORUS,RED

MSDS Number

BBCVJ

National Stock Number

6810-00D000505

Product Name

PHOSPHORUS,RED

Manufacturer

HUMMEL CHEMICAL COMP INC

Product Identification

Product ID:PHOSPHORUS,RED

MSDS Date:01/01/1985

FSC:6810

NIIN:00D000505

MSDS Number: BBCVJ

Responsible Party

HUMMEL CHEMICAL COMP.INC.

Emergency Phone: 201-754-1800

Cage: 8A933

Contractor

HUMMEL CHEMICAL COMP.INC.

Cage: 8A933

Ingredients

RED PHOSPHORUS(AMORPHOUS)

CAS: 7723-14-0

RTECS: TH3495000

Fraction By Weight: 99.9%

ACGIH TLV: UNSPECIFIED

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

Hazards

Effects of Overexposure:IRRITATING TO EYES;OTHERWISE ESSENTIALLY
HARMLESS & NON-TOXIC UNLESS CONTAM BY HIGHLY TOXIC YELL.P.

First Aid

First Aid:EYES:FLUSH THOROUGHLY WITH WATER.SKIN:FLUSH W/WATER &
SOAP.CAUTION:AVOID BRUSHING-FRICTION COULD IGNITE MATERIAL ON SKIN
OR CLOTHING.

Fire Fighting

Autoignition Temp:Autoignition Temp Text:395F

Extinguishing Media:SAND,CO*2,DRY CHEMICAL,WATER SPRAY,FOAM

Fire Fighting Procedures:AFTER EXTINGUISHING,PREVENT RE-IGNITION BY
EXCLUDING AIR

Unusual Fire/Explosion Hazard:HEAT CAN CAUSE REVERSION TO YELLOW
PHOSPHORUS WHICH IS TOXIC & SPONTANEOUSLY FLAMM W/AIR;TOX.P OXIDE

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 SEPARATED FROM OXIDIZERS & ALKALIES. HANDLE CAREFULLY TO AVOID FRICTION OR DUSTING.

Other Precautions: SEPARATE FROM ALL SOURCES OF IGNITION SUFFICIENTLY. DO NOT CO-LOAD WITH EXPLOSIVES, OXIDIZING MATERIALS, POISONS & CORROSIVE MATERIALS. WEAR GLOVES & LARGE FACE SHIELD. EXPLODES W/OXID. AGENT.

Exposure Controls

Respiratory Protection: DUST MASK, NUISANCE DUST

Ventilation: LOCAL EXHAUST (GENERAL ROOM VENTILATION) IS PREFERRED

Protective Gloves: FIRE PROOF.

Eye Protection: CHEM. SAFETY SPECTACLES

Other Protective Equipment: FLARE PROOFED, FULL PROTECTIVE EQUIPMENT RECOMM. FOR PERSONNEL

Supplemental Safety and Health

ITEM IS CLASS 2 OF MIL-P-211C. SPECIAL FIRE FIGHTING

PROCEDURES (CONTD) AIR CAN BE EXCLUDED BY KEEPING WET OR COVERING

W/ WET SALT OR FOAM, ETC; WEAR FLAME PROOFED FULL PROTECTIVE CLOTHING.

Chemical Properties

HCC: F8

Boiling Pt: B.P. Text: 395F (IGNITE)

Vapor Pres: UNK

Vapor Density: 4.77

Spec Gravity: 0.95

Solubility in Water: NEGLIGIBLE

Appearance and Odor: RED SOLID, PUNGENT ODOR.

Percent Volatiles by Volume: UNK

Stability

Stability Indicator/Materials to Avoid: YES

OXIDIZERS, CHLORATES, NITRATES, HALOGENS, STRONG ALK. HYDROXIDE

Stability Condition to Avoid: EXPOSURE TO HEAT, SPARKS, FRICTION OR

MECHANICAL SHOCK

Hazardous Decomposition Products: AIR & H₂O LIBERATE PHOSPHORUS ACIDS &

TOXIC, FLAM. PHOSPHINE

Disposal

Waste Disposal Methods: RECOVER & USE OR INCINERATE UNDER CAREFUL SUPERVISION IN EQUIPMENT DESIGNED TO HANDLE OXIDES OF PHOSPHORUS AS COMBUSTION PRODUCTS, ALL IN ACCORDANCE WITH STATE, FEDERAL & LOCAL REGULATIONS, ALL IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGS.

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