

K BINDER SOLUTION W/2-PHAPB144

MSDS Number

BJLPV

National Stock Number

8010-00F012794

Product Name

K BINDER SOLUTION W/2-PHAPB144

Manufacturer

E I DU PONT DE NEMOURS CO

Product Identification

Product ID:K BINDER SOLUTION W/2-PHAPB144

MSDS Date:01/01/1988

FSC:8010

NIIN:00F012794

MSDS Number: BJLPV

Responsible Party

E.I. DU PONT DE NEMOURS CO

1007 MARKET STREET

WILMINGTON , DE 19898

Emergency Phone: (800) 441-3637

Info Phone: (800) 441-3637

Cage: 18773

Contractor

E.I. DUPONT DE NEMOURS & CO

WILMINGTON, DE 19898

US

800-441-7515;800-441-9442

Cage: 18873

Ingredients

PHTHALIC ANHYDRIDE (SARA III)

CAS: 85-44-9

RTECS: TI3150000

Fraction By Weight: 0-2.0%

OSHA PEL2 PPM

ACGIH TLV: 1 PPM; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ETHYL ALCOHOL (ETHANOL)

CAS: 64-17-5

RTECS: KQ6300000

Fraction By Weight: 0-2.0%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

N-METHYL-2-PYRROLIDONE

CAS: 872-50-4

RTECS: UY5790000

DIETHYL PYROMELLITATE (PMDE)

CAS: 50853-29-7

2-PHENYL APB-144, (1,4-BIS

CAS: 94148-67-1

Hazards

LD50 LC50 Mixture:ORAL RAT LD50 = 11,500 MG/KG

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

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

Health Hazards Acute and Chronic:EYES: PERMANENT DAMAGE, VISUAL IMPAIRMENT, BLINDNESS. SKIN: DISCOMFORT, RASH, ALLERGIC.

INHALATION: IRRITATION OF THE NOSE/THROAT, LUNG, COUGH, SHORTNESS OF BREATH, ASTHMA-LIKE REACTIONS, DIZZINESS, H EADACHE, CONFUSION, LOSS OF CONSCIOUSNESS. INGESTION: GASTROINTESTINAL TRACT IRRITATION/VOMITING/NAUSEA/ABDOMINAL PAIN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: PERMANENT DAMAGE TO THE RETINA, VISUAL IMPAIRMENT, BLINDNESS. SKIN: SENSITIZATION. INHALATION: RESPIRATORY TRACT IRRITATION, ANEMIA/MICROSCOPIC LESIONS IN THE RETINAL PHOTORECEPTOR DEGENERATION/ DISORGANIZATION, LIVER, ADRENAL CORTEX/SPLEEN.

Medical Cond Aggravated by Exposure:SENSITIZATION, ALLERGIC, RASH

First Aid

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. CALL PHYSICIAN. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT , GIVE OXYGEN. CALL PHYSICIAN. INGESTION: INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL PHYSICIAN.

Fire Fighting

Extinguishing Media:USE ALCOHOL FOAM, DRY CHEMICAL, CO2 OR WATER SPRAY. AS APPROPRIATE FOR SURROUNDING MATERIAL/CONDITIONS.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS/FULL PROTECTIVE GEAR.

Accidental Release

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA. ABSORB W/ABSORBENT MATERIAL/TRANSFER TO A METAL DRUM FOR DISPOSAL. PREVENT LIQUID OF ENTERING SEWERS, WATERWAYS OR LOW AREAS.

Handling

Handling and Storage Precautions:AVOID BREATHING VAPOR/MIST. DON'T GET IN EYES, ON SKIN OR CLOTHING. KEEP CONTAINER TIGHTLY CLOSED. KEEP CONTAINER IN A COOL, DRY PLACE.

Other Precautions:WASH THOROUGHLY AFTER HANDLING. IF SHIPPED IN DRY ICE, REMOVE DRY ICE PRIOR TO STORAGE IN A FREEZER. STORE AT 0F IN ORIGINAL CONTAINER IS RECOMMENDED TO AVOID SLOW POLYMERIZATION WHICH WOULD DEGRADE P RODUCT UTILITY.

Exposure Controls

Respiratory Protection:WEAR NIOSH/MSHA AIR PURIFYING RESPIRATOR W/A DUST FILTER/ORGANIC VAPOR CARTRIDGE IF THERE IS POTENTIAL FOR AIRBORNE EXPOSURE IN EXCESS OF APPLICABLE LIMITS.
Ventilation:USE ADEQUATE VENTILATION TO KEEP Protective Gloves:IMPERVIOUS
Eye Protection:GOGGLES/FULL FACEHIELD/SAFETY GLASSES
Other Protective Equipment:APRON, PANTS, HOOD/JACKET.
Work Hygienic Practices:ANY NONDISPOSABLE CLOTHING CONTAMINATED W/THE SOLUTION SHOULD BE LAUNDERED SEPARATELY FROM OTHER CLOTHING BEFORE REUSE.
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:395.6F
Melt/Freeze Pt:M.P/F.P Text:-11F
Vapor Pres:0.29
Vapor Density:3.40
Spec Gravity:1.19
Evaporation Rate & Reference:(BU AC = 1.0): 0.06
Solubility in Water:APPRECIABLE
Appearance and Odor:SLIGHT TAN TO BROWN; AMINE-LIKE ODOR.
Percent Volatiles by Volume:33-40%

Stability

Stability Indicator/Materials to Avoid:YES
Stability Condition to Avoid:USE METHYL ETHYL KETONE OR ACETONE FOR DECONTAMINATION, AVOIDING ALL PROXIMITY OF SPARKS, OPEN FLAMES, HEAT.
Conditions to Avoid Polymerization:TEMP >0F CAUSES SLOW POLYMERIZATION WHICH WOULD DEGRADE PRODUCT UTILITY.

Disposal

Waste Disposal Methods:FOLLOW APPLICABLE FEDERAL, STATE/LOCAL LAWS & REGULATIONS.

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