

K XB-4 BINDER SOLUTION W/2-PHAPB144

MSDS Number

BJLPW

National Stock Number

8010-00F012795

Product Name

K XB-4 BINDER SOLUTION W/2-PHAPB144

Manufacturer

E I DU PONT DE NEMOURS CO

Product Identification

Product ID:K XB-4 BINDER SOLUTION W/2-PHAPB144

MSDS Date:01/01/1988

FSC:8010

NIIN:00F012795

MSDS Number: BJLPW

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

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

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

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.

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.