

PURPLE-K, DRY CHEM EXTINGUISHING, K20E/K20D

MSDS Number

BKBKD

National Stock Number

4210-00-257-5343

Product Name

PURPLE-K, DRY CHEM EXTINGUISHING, K20E/K20D

Manufacturer

ANSUL FIRE PROTECTION WORMALD U S INC

Product Identification

Product ID: PURPLE-K, DRY CHEM EXTINGUISHING, K20E/K20D

MSDS Date: 06/01/1989

FSC: 4210

NIIN: 00-257-5343

MSDS Number: BKBKD

Responsible Party

ANSUL FIRE PROTECTION, WORMALD U.S. INC.

ONE STANTON STREET

MARINETTE, WI 54143-2542

US

Emergency Phone: 715-735-7411

Info Phone: 715-735-7411

Cage: 03670

Contractor

ANSUL INC

MARINETTE, WI 54143-2542

US

715-735-7411

Cage: 03670

Ingredients

MICA - SILICATES (< 1% CRYSTALLINE SILICA)

CAS: 12001-26-2

RTECS: VV8760000

Fraction By Weight:

OSHA PEL20 MPPCF

ACGIH TLV: 3 MG/M3 RDUST; 9293

MAGNESIUM ALUMINUM SILICATE

CAS: 8031-18-3

Fraction By Weight:

POTASSIUM BICARBONATE

CAS: 298-14-6

Fraction By Weight: >90.0%

METHYL HYDROGEN POLYSILOXANE

CAS: 63148-57-2

Fraction By Weight:

PIGMENT PURPLE

CAS: 68308-41-8

Fraction By Weight:

RED PIGMENT

CAS: 1103-38-4

Fraction By Weight:

Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT APPLICABLE.

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

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

Health Hazards Acute and Chronic:ACUTE: MAY CAUSE SLIGHT IRRITATION TO SKIN, EYES AND NOSE UPON CONTACT WITH THE CHEMICALS.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:POWDER CHEMICALS IN EXTINGUISHER UNDER PRESSURE; EYES: MAY CAUSE IRRITATION/REDNESS DUE TO GRITTY TEXTURE. SKIN: NO ADVERSE EFFECT KNOWN TO MANUFACTURER. MAY CAUSE TEMPORARY DISCOMFORT TO SKIN. INHALATION: NONE SPECIFIED BY MANUFACTURER. HOWEVER DUST MAY CAUSE NASAL IRRITATION. INGESTION: UNKNOWN. LOW ORAL TOXICITY.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. EYE: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INGESTION: IF VICTIM IS CONSCIOUS, IMMEDIATELY GIVE 2-4 GLASSES OF WATER, AND INDUCE VOMITING.GET MEDICAL ATTENTION.

Fire Fighting

Flash Point:NONE

Extinguishing Media:THIS IS FIRE EXTINGUISHER. CONTAINS DRY CHEMICALS UNDER PRESSURE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM RELEASE AREA.

Neutralizing Agent:NOT APPLICABLE.

Handling

Handling and Storage Precautions:PROTECT FIRE EXTINGUISHERS FROM PHYSICAL DAMAGE. STORE AWAY FROM EXTREME HEAT. KEEP EXTINGUISHERS VALVES CLOSED WHEN NOT IN USE AND WHEN EMPTY.

Other Precautions:DO NOT DEFACE LABELS. HANDLE FIRE EXTINGUISHERS AS FILLED CYLINDERS WITH PROPER CAUTION.

Exposure Controls

Protective Gloves:WORK GLOVES FOR HANDLING CYLINDERS.

Eye Protection:APPROVED SAFETY GLASSES OR FACE SHIELD.

Other Protective Equipment:SAFETY SHOES AND HEARING PROTECTION.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. USE PROPER CARE WHEN HANDLING AND STORING

CYLINDERS.

Supplemental Safety and Health

MSDS INDICATES TWO PARTS. PART ONE AND PART TWO ARE MIXED TOGETHER AND ARE IN THE SAME CONTAINER OF THE EXTINGUISHER. THIS FIRE EXTINGUISHER (P/N:K20E & K20D) IS CARTRIDGE OPERATED FIRE EXTINGUISHER. ONE CARTRIDGE CONTAINS CARBON DIOXIDE UNDER PRESSURE TO EXPEL THE DRY CHEMICALS. OTHER CARTRIDGE CONTAINS DRY CHEMICALS.

Chemical Properties

HCC:G3

Boiling Pt:B.P. Text:NONE

Spec Gravity:0.85

Solubility in Water:SLIGHT

Appearance and Odor:VIOLET COLORED POWDER, NO CHARACTERISTIC ODOR

Percent Volatiles by Volume:NONE

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS,STRONG ACIDS,SODIUM-POTASSIUM ALLOY AND DIBASIC AMMONIUM PHOSPHATE

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:UPON DIRECT COMBUSTION OF CHEMICALS IN THE FIRE EXTINGUISHER MAY DECOMPOSE TO AMMONIA,CARBON MONOXIDE, & OXIDES OF N₂.

Disposal

Waste Disposal Methods:MOVE LEAKY EXTINGUISHERS TO OUTDOORS. ALLOW GAS TO DISCHARGE AT MODERATE RATE. REMOVE ALL FLAMMABLE MATERIALS FROM VICINITY. DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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