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M A T E R I A L S A F E T Y D A T A S H E E T

AMEREX CORPORATION
 POST OFFICE BOX 81
 TRUSSVILLE, ALABAMA 35173-0081

DATE PREPARED: 1/15/87

SUPERCEDES: 11/ 1/85

RESPONSIBLE PERSONS: D. EMERICH OR D. ELLISON
 TELEPHONE: (205)655-3271

IDENTIFICATION

PRODUCT NAME: PURPLE K DRY CHEMICAL

SYNONYMS: Potassium Bicarbonate, KDC, PK

HAZARDOUS INGREDIENTS

MATERIAL	CAS NO.	OSHA PEL	ACGIH TLV
Muscovite Mica	12001-26-2	NA	20 mppcf*
Magnesium Aluminum Silicate	1337-76-4	15 mg/m ³	10 mg/m ³ *
* million particles per cubic foot			

OTHER INGREDIENTS

MATERIAL	CAS NO.
Potassium Bicarbonate	298-14-6
Methyl Hydrogen Polysiloxane	63148-57-2
Red Pigment	6471-49-4
Violet Pigment	6350-30-1
Black Pigment	1333-86-4
Blue Pigment	147-14-8

PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT (°F): NA	SPECIFIC GRAVITY (H ₂ O=1): 0.88	VAPOR PRESSURE (MM HG): NA
PERCENT VOLATILE (%): NA	VAPOR DENSITY (AIR = 1): NA	EVAPORATION RATE: NA
SOLUBILITY IN WATER: Material is water repellent coated.	REACTIVITY IN WATER: NONE	MELTING POINT (°F): Decomposes
pH: 8.6	APPEARANCE & ODOR: Purple powder, no characteristic odor.	
FLASH POINT(°F): None	AUTO IGNITION TEMPERATURE(°F): NA	FLAMMABLE LIMITS IN AIR BY VOL.: NA
EXTINGUISHER MEDIA: None. This material is an extinguishing agent.		
SPECIAL FIRE FIGHTING PROCEDURES: None		
UNUSUAL FIRE AND EXPLOSION HAZARDS: None		

PHYSICAL HAZARDS

STABILITY: Stable	CONDITIONS TO AVOID: NA
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids	
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide	
HAZARDOUS POLYMERIZATION: Will not occur	
CONDITIONS TO AVOID: NA	

HEALTH EFFECTS AND FIRST AID

EFFECTS OF ACUTE OVEREXPOSURE FOR PRODUCT:

EYES: Slight irritant.

SKIN: Slight irritant.

BREATHING: Irritant to the respiratory tract. Treat as a mineral dust.

SWALLOWING: Ingestion of large quantity can lead to systemic alkalosis.

FIRST AID:

IF IN EYES: Flush with water for 15 minutes. If irritation persists, seek medical attention.

IF ON SKIN: Wash with soap and water. If irritation persists, seek medical attention.

IF BREATHED: Remove victim to fresh air. If discomfort continues, seek medical attention.

IF SWALLOWED: Rinse mouth and drink large amounts of water, induce vomiting and seek medical attention.

PRIMARY ROUTES OF ENTRY:

Eyes, Skin Contact, Breathing, Swallowing

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

None known

EFFECTS OF CHRONIC OVEREXPOSURE FOR PRODUCT:

May include respiratory problems

PRODUCT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

NATIONAL TOXICOLOGY PROGRAM	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IARC MONOGRAPHS	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	OSHA	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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CONTROL MEASURES AND PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION (TYPE):

Dust respirator required when TLV is exceeded. Nuisance dust (total) 15mg/m³. Dust respirator recommended whenever airborne dust is present.

VENTILATION: GENERAL AREA: Recommended

LOCAL EXHAUST: Recommended

SKIN PROTECTION:

Protective Gloves

EYE PROTECTION:

Safety Glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

None required.

WORK/HYGIENE PRACTICES:

Use good personal hygiene and good housekeeping practices.

SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in closed moisture-free containers in a cool, dry location. Avoid unnecessary dustiness.

OTHER PRECAUTIONS:

Do not cross contaminate with other extinguishing agents.

STEPS TO BE TAKEN IN CASE PRODUCT IS RELEASED OR SPILLED:

Contain and sweep up. Dispose of in accordance with local, state, and federal regulations.

HMIS RATINGS:

HEALTH	<u>0</u>
FLAMMABILITY	<u>0</u>
REACTIVITY	<u>0</u>

HMIS HAZARD	INDEX
MINIMAL	0
SLIGHT	1
MODERATE	2
SERIOUS	3
SEVERE	4