

MATERIAL SAFETY DATA SHEET
U.S. DEPARTMENT OF LABOR

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REVIEWED: MARCH 1, 2001
Abbrev.

COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS (29 CFR 1910.1200)

SECTION 1: MANUFACTURER:

Amerex Corporation
P.O. Box 81
Trussville, AL 35173-0081

PRODUCT IDENTIFICATION

Purple K Dry
Chemical
Potassium
Bicarbonate, KDC,
PK

EMERGENCY:
Chemtrec: 1-800-424-9300
Amerex: 1-205-655-3271

SECTION 2: HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS #	% W/W	*ACGIH mg/m3 TLV	STEL	PEL	*OSHA mg/m3 STEL	IDLH	OTHER mg/m3
Potassium Bicarbonate and Calcium Carbonate	298-14-6 471-34-1	> 93*	NE	NE	NE	NE	NE	NE
Mica	12001-26- 2	< 2	3	NE	3	NE	NE	NE
Attaclay	8031-18-3	< 5	NE	NE	NE	NE	NE	NE
Silicone Oil	63148-57- 2	< 1	NE	NE	NE	NE	NE	NE
Red Pigment	6471-49-4	< 1	NE	NE	NE	NE	NE	NE
Violet Pigment	6358-30-1	< 1	NE	NE	NE	NE	NE	NE
Black Pigment	1333-86-4	< 1	3.5		3.5			NIOSH REL 3.5
Blue Pigment	147-14-8	< 1	NE	NE	NE	NE	NE	NE

*ACGIH TLV for particulates not otherwise classified = 10; OSHA PEL for Particulates Not Otherwise regulated; Total Dust = 15 Respirable Fraction = 5.

*NE = None Established

SECTION 3: PHYSICAL DATA

BOILING POINT: Not Applicable.
VAPOR PRESSURE: Not Applicable.
VAPOR DENSITY: Not Applicable.
SOLUBILITY IN WATER: Not soluble. Water repellent coated.
SPECIFIC GRAVITY: Approximately 0.88.
PERCENT VOLATILE BY VOLUME: Not Applicable.
EVAPORATION RATE: Not Applicable.
pH: (10% solution) approximately 9 - 10.
APPEARANCE & COLOR: This material is a finely divided purple powder.

SECTION 4: FIRE AND EXPLOSION DATA

FLASH POINT: Not Applicable.
FLAMMABLE LIMITS: Not Applicable.
EXTINGUISHING MEDIA: None. Product is a fire extinguishing agent.
SPECIAL FIREFIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural fire fighters must wear Self-Contained breathing apparatus and full protective equipment.

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PRODUCT IDENTIFICATION: PURPLE K DRY CHEMICAL

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SECTION 5: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: ACGIH TLV for Particulates, Not Otherwise Classified = 10;
OSHA PEL: For Particulates Not Otherwise Regulated, Total Dust = 15, Respirable Fraction = 5.
EFFECTS OF OVEREXPOSURE: This product may cause mild skin irritation, moderate eye irritation and possible gastric distress. This product is not known to cause chronic illness.

EMERGENCY FIRST-AID PROCEDURES:

SKIN EXPOSURE: If spilled on skin **IMMEDIATELY** begin decontamination with running water.
Remove exposed or contaminated clothing, taking care not to contaminate eyes. If reddening or irritation occurs, victim and rescuers must seek immediate medical attention.
EYE EXPOSURE: If chemical irritates eyes, open victim's eyes while under gentle running water.
Use sufficient force to open eyelids. Have victim "roll" eyes. **MINIMUM** flushing is for 15 minutes.
INHALATION: If chemical is inhaled, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. If irritation of the nose or throat occurs, the victim and rescuers must seek immediate medical attention.

SECTION 6: REACTIVITY DATA

STABILITY DATE: Stable.

INCOMPATIBILITY: Strong acids. Reacts violently with lithium.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 7: SPILL OR LEAK PROCEDURES

SMALL SPILLS: Sweep or vacuum. Place in a double plastic bag & seal.

LARGE SPILLS: If it is determined that exposure guidelines for nuisance particulates-10 mg/m³ (total particulates) or 5 mg/m³ (respirable particulates) is exceeded use Level C: triple gloves, chemically resistant suit and boots, hard hat, and air purifying respirator with HEPA filter. Sweep or vacuum.

FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON-RECLAIMABLE SPILLS.

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not expected to be needed. Maintain airborne contaminant concentrations below guidelines for nuisance particulates (see Section 5).

VENTILATION: Use with adequate ventilation. Use fan or vent to outside.

PROTECTIVE GLOVES: Wear rubber gloves for routine industrial use.

EYE PROTECTION: Safety glasses.

OTHER PROTECTIVE EQUIPMENT: None except for large spills (see Section 7).

HMIS: 1-0-0

NFPA: 1-0-0

SECTION 9: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Follow reasonable and safe practices.

Avoid getting chemicals ON YOU or IN YOU.

OTHER PRECAUTIONS: None

ANSI Z400.1-1993 FORMAT MSDS AVAILABLE ON REQUEST