

I. Identification of the Substance/Preparation and of the Company

Trade Name: PURPLE-K
Manufacturer/Supplier: ANSUL INCORPORATED
Address: One Stanton Street, Marinette, WI 54143-2542
Prepared by: Safety and Health Department
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Emergency Phone Number: CHEMTREC 800-424-9300 or 703-527-3887
Date of Issue: February 2002

II. Composition/Information on Ingredients

Component	Wt. %	CAS No.	EINECS	Class, R, and S Phrases
Potassium Bicarbonate	90-93	298-14-6	206-059-0	(See Section XV)
Mica, Muscovite	<5	12001-26-2	Listed	(See Section XV)
Magnesium Aluminum Silicate (Attapulgite Clay or Fuller's Earth):	<5	8031-18-3	Listed	(See Section XV)
Methyl Hydrogen Polysiloxane:	<1	63148-57-2	(a)	(See Section XV)
Purple Pigment:	<0.005	Mixture	Listed	(See Section XV)

(a) Any "polymerizate, polycondensate, or polyadduct" is exempted by 81/437/EEC.

III. Hazards Identification

For Humans

Threshold Limit Values:

Nuisance dust limit: OSHA TWA: 15 mg/m³
ACGIH TLV-TWA 10 mg/m³

Signs and Symptoms:

Acute Exposure:

Eye Contact: Mildly irritating for short periods of time.
Inhalation: Irritant to the respiratory tract. Transient cough, shortness of breath.
Skin Contact: May be mildly irritating.
Ingestion: Not an expected route of entry.

Chronic Overexposure: Chronic fibrosis of the lung.

Medical Conditions Generally Aggravated by Exposure: Reactive airway.

Chemical Listed as Carcinogen or Potential Carcinogen:

National Toxicology Program No I.A.R.C. Monographs No OSHA No

For Environment: (See Section XII).

WHMIS Information:

**IV. First-Aid Measures**

Inhalation: Remove victim to fresh air. Seek medical attention if discomfort continues.
Eye Contact: Flush with large amounts of water. If irritation persists, seek medical attention.
Skin Contact: Wash with soap and water. If irritation persists, seek medical attention.
Ingestion: If patient is conscious, give large amounts of water and induce vomiting. Seek medical help.

V. Fire-Fighting Measures

Extinguishing Media: THIS IS AN EXTINGUISHING AGENT.
Special Procedures: None.
Unusual Fire and Explosion Hazards: None.

VI. Accidental Release Measures

Personal Precautions:

Respiratory Protection: (See Section VIII)
 Hand Protection: (See Section VIII)
 Eye Protection: (See Section VIII)
 Skin and Body Protection: (See Section VIII)

Clean up Precautions: Sweep up and put in closed container.

Waste Disposal Methods: (See Section XIII)

VII. Handling and Storage

Handling: Do not mix Fire Protection Agents. See incompatibility information in Section X.

Storage: Store in original container or Ansul fire extinguisher.

VIII. Exposure Controls/Personal Protection

Respiratory: Dust mask where dustiness is prevalent, or TLV is exceeded. Use mechanical filter respirator if exposure is prolonged.

Mechanical ventilation is recommended.

Hand: None normally needed. Use impervious gloves if irritation occurs.

Eye: Chemical goggles recommended as mechanical barrier for prolonged exposure.

Skin and Body: If irritation occurs, use long sleeves.

IX. Physical and Chemical Properties

Appearance: Powder.

Color: Violet.

Odor: None.

Relative Density (H₂O = 1): Not applicable.

Solubility in Water: Slight.

pH (If in water, % Conc.) : Not determined.

Boiling Point: Not applicable.

Vapor Pressure (mm Hg): Not applicable.

Vapor Density (Air =1): Not applicable.

Flash Point: None.

Flammability Limits in Air (% by volume): Nonflammable.

Autoflammability: Nonflammable.

Explosive Properties: Not explosive.

Oxidizing Properties: None.

X. Stability and Reactivity

Stability: Stable Unstable

Conditions to Avoid: None.

Hazardous Reactions: Will not occur May occur

Conditions to Avoid: None.

Materials to Avoid: Strong acids, NaK alloy, and NH₄H₂PO₄.

Hazardous Decomposition Products: Carbon Dioxide.

XI. Toxicological Information

This product has not been tested for toxicological effects. Product is treated as a nuisance dust.

Components:

Potassium Bicarbonate:

- May cause irritation to the skin.
- May be harmful if absorbed through the skin.
- May cause eye irritation.
- May be harmful if inhaled.
- May be irritating to mucous membranes and upper respiratory tract.
- May be harmful if swallowed.

Mica:

- May be irritating to eyes, skin, or mucous membranes.

Magnesium Aluminum Silicate (Attapulgite Clay or Fuller's Earth):

- Irritating to eyes, skin, mucous membranes.
 - Target Organs: Lungs.
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XII. Ecological Information

Mobility:	Not tested.
Absorption/Desorption:	Not tested.
Degradability:	Not applicable.
Biotic and Abiotic Degradation:	Not applicable.
Aerobic and Anaerobic Degradation:	Not applicable.
Persistence:	Not tested.
Accumulation:	Not applicable.
Bioaccumulation Potential:	Not applicable.
Biomagnification:	Not applicable.
Short and Long Term Effects on:	
Ecotoxicity	Not tested.
Aquatic Organisms:	Not tested.
Soil Organisms:	Not tested.
Plants and Terrestrial animals:	Not tested.
Other Adverse Effects:	Not tested.
Ozone Depletion Potential:	Not applicable.
Photochemical Ozone Creation Potential:	Not applicable.
Global Warming Potential:	From heating or reaction with acids, carbon dioxide can be generated.
Effects on Waste Water Treatment Plants:	Not tested.

XIII. Disposal Considerations

Dispose of in Compliance with local, state, and national regulations.

XIV. Transport Information

Hazard Class or Division: Not a hazardous substance.

For additional transport information, contact Ansul Incorporated.

XV. Regulatory Information

Product:

EU Classification:	Irritant.	
R Phrases:	20	Harmful by inhalation.
	36/37	Irritating to eyes and respiratory system.
S Phrases:	22	Do not breathe dust.
	24/25	Avoid contact with skin and eyes.
	26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	36	Wear suitable protective clothing.

Limit Values for Exposure:

Threshold Limit Values:

Nuisance dust limit:	OSHA TWA:	15 mg/m ³
	ACGIH TLV-TWA:	10 mg/m ³

EINECS Status: All components are included in EINECS inventories.

Restrictions on Marketing and Use: None

Refer to any other national measures that may be relevant.

XVI. Other Information

None known.

XVII. Disclaimer

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