

**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  
Phone: 715-735-7411  
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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/m<sup>3</sup>  
ACGIH TLV-TWA 10 mg/m<sup>3</sup>

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.

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## VI. Accidental Release Measures

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### 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)

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## VII. Handling and Storage

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

Storage: Store in original container or Ansul fire extinguisher.

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## VIII. Exposure Controls/Personal Protection

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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.

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## IX. Physical and Chemical Properties

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Appearance: Powder.

Color: Violet.

Odor: None.

Relative Density (H<sub>2</sub>O = 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.

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## X. Stability and Reactivity

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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 NH<sub>4</sub>H<sub>2</sub>PO<sub>4</sub>.

Hazardous Decomposition Products: Carbon Dioxide.

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## XI. Toxicological Information

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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

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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.

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## XIII. Disposal Considerations

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

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## XIV. Transport Information

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Hazard Class or Division: Not a hazardous substance.

For additional transport information, contact Ansul Incorporated.

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**XV. Regulatory Information**

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## 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 <sup>3</sup>
	ACGIH TLV-TWA:	10 mg/m <sup>3</sup>

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.

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**XVI. Other Information**

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None known.

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**XVII. Disclaimer**

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