

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

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
 For Environment: (See Section XII)

OSHA No

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.

PURPLE-K (Continued)

VI. Accidental Release Measures

Personal Precautions: (See Section VIII)
 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.

PURPLE-K (Continued)

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.

XII. Ecological Information

Mobility:

Absorption/Desorption:

Degradability:

Biotic and Abiotic Degradation:

Aerobic and Anaerobic Degradation:

Persistence:

Accumulation:

Bioaccumulation Potential:

Biomagnification:

Short and Long Term Effects on:

Ecotoxicity

Aquatic Organisms:

Soil Organisms:

Plants and Terrestrial animals:

Other Adverse Effects:

Ozone Depletion Potential:

Photochemical Ozone Creation Potential:

Global Warming Potential:

Effects on Waste Water Treatment Plants:

Not tested.

Not tested.

Not applicable.

Not applicable.

Not applicable.

Not tested.

Not applicable.

Not applicable.

Not applicable.

Not applicable.

Not tested.

Not tested.

Not tested.

Not tested.

Not tested.

Not applicable.

Not applicable.

From heating or reaction with acids, carbon dioxide can be generated.

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.

PURPLE-K (Continued)

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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Form No. F-9752-1

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