

MSDS - SWEET PDZ

Issued January 8, 2004

Section 1. Product Identification

Trade Name: Sweet PDZ

Chemical Name: Potassium-calcium-sodium-aluminosilicate

Synonyms: Clinoptilolite

Distributed by Pestell Minerals & Ingredients, New Hamburg, ON Canada

24 Hour Emergency Telephone (Canutec): 613-996-6666

Section 2. Health Hazard Data

Hazardous Ingredients: May contain 0.07 - 0.10% Free Silica

Routes of Entry: Inhalation

Health Hazards (Acute and Chronic): Prolonged exposure to respirable silica may cause health risks

Signs of Exposure: None

Section 3. First Aid Measures

Swallowing: If large quantities ingested, contact physician for permission to induce vomiting

Skin: None

Inhalation: Remove to fresh air

Eye Contact: Immediate flush eyes with water for at least 15 minutes

Note to Physician: If this product has been treated with a material of a hazardous nature, identify material and treat accordingly.

Section 4. Physical and Chemical Characteristics

Appearance and Odor: White, odorless

Boiling/Freezing Point: N/A

Melting Point: 1,800°F

Vapor Pressure/Density: N/A

Specific Gravity: 1.5 - 1.7

Solubility in Water/Evaporation Rate: N/A

Section 5. Fire and Explosion Hazard

Flashpoint (°F): N/A

LEL/UEL: N/A

Flammable Limits: N/A

Extinguishing Media: N/A

Unusual Fire and Explosion Hazards: None

Section 6. Reactivity Data

Stability: Product is stable

Conditions to Avoid: N/A

Incompatibility (Materials to Avoid): N/A

Hazardous Polymerization: None

Section 7. Safe Handling/Use

It is recommended to ensure compliance with various state or federal regulations that any significant quantities spilled in surface waters be reported to appropriate state or federal officials. Spill should be cleaned up in a manner that does not generate dust and disposed of in a landfill. If raw material has been treated with toxic or hazardous substances materials should be disposed of accordingly. Avoid breathing nuisance dust.

Section 8. Exposure Controls/Measures

Respiratory Protection: Wear OSHA approved dust respirators to avoid nuisance dust when permissible exposure limit might be exceeded.

Local Exhaust: Exhaust ventilation is recommended for operations where the permissible exposure limit might be exceeded.

Gloves: Not necessary

Eye Protection: Safety glasses or goggles

Other Protective Equipment: N/A

Section 9. Ecological Considerations

Waterfowl Toxicity: None known

Aquatic Toxicity: None known

Food Chain Concentration Potential: None expected

Biochemical Oxygen Demand: None. Product is not biodegradable

Atmospheric: Contains no ozone depleting substances

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