

Material Safety Data Sheet

HMIS

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| Health | 0 |
| Flammability | 0 |
| Reactivity | 0 |
| Personal Protection | E |

Last Review 01/28/08

I. Identification

Product Name: Perma-Guard Grain & Seed Storage Insecticide (67197-1)
 Chemical Name: Chemical Family: SILICATES
 Formula:
 EPA #: 67197-1

II. Ingredients

| Mineral or Chemical Name(s) | Weight % | CAS # |
|--------------------------------------|---------------|------------|
| Amorphous Silica - Natural Diatomite | 95.00%-100.0% | 61790-53-2 |

III. Physical Data

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|----------------------|----------------------|----------------------|----------|
| Boiling Point: | N/A | Freezing Point: | N/A |
| Vapor Pressure: | N/A | Vapor Density: | N/A |
| Evaporation Rate: | N/A | % Volatile: | NONE |
| Specific Gravity: | C | Solubility in Water: | SLIGHTLY |
| Appearance and Odor: | A SOFT EARTHY POWDER | | |

IV. Health Hazard Data

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|-------------------------------------|------|-------------------|------|
| Flash Point: | None | Flammable Limits: | None |
| Extinguishing Media: | None | | |
| Special Fire Fighting Procedures: | None | | |
| Unusual Fire and Explosion Hazards: | None | | |

Threshold Limit Value: 10MG/M3 Total Dust: Nuisance Dust
 Possible Effects of a Single overexpose
 Acute Accidental Exposure would be non-specific.
 Inhalation Symptoms might include coughing, wheezing, difficult Breathing and Upper Respiratory Tract Irritation.
 Skin Contact No Known Concern
 Eye Contact May Cause temporary discomfort and irritation
 Ingestion No Known Hazard

Possible Effects of Repeated Overexposure

Chronic Overexposure May Cause Pneumoconiosis (dusty lungs)

-No Known Hazard-

Emergency and First Aid Procedures

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| <i>INHALATION</i> | <i>Remove to fresh air. If breathing is difficult, oxygen and call a physician</i> |
| <i>SKIN CONTACT</i> | <i>Of no general concern. Simply wash with soap and water.</i> |
| <i>EYE CONTACT</i> | <i>For acute exposure, flush with water. IF irritation or discomfort persists, call a physician.</i> |

Ingestion *No Known Hazard.*

Notes to Physician

There are no specific antidotes to acute overexposure. Treatment should be directed at control of the symptoms.

V. Reactivity Data

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| <i>Stability: Inert</i> | <i>Incompatibility: None</i> |
| <i>Hazardous Decomposition Products</i> | <i>None</i> |
| <i>Hazardous polymerization:</i> | <i>None</i> |
| <i>Conditions to avoid:</i> | <i>None</i> |

VI. Spill or Leak Procedures

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| <i>Steps to be taken if material is released or spilled</i> | <i>Vacuum Clean or Wet Sweep Spillage</i> |
| <i>Waste Disposal Method</i> | <i>Waste should be disposed of in closed containers to prevent dust.</i> |

VII. Special Protection Information

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| <i>Respiratory Protection</i> | <i>Approved dust respirators for exposure to potentially high dust environments.</i> |
| <i>Ventilation</i> | <i>Local Exhaust Ventilation Recommended.</i> |
| <i>Protective gloves</i> | <i>Not Required</i> |
| <i>Eye Protection</i> | <i>Safety Glasses</i> |
| <i>Other Protective Equipment</i> | <i>Not Required</i> |

VIII. Special Precautions

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| <i>Precautions to be taken in handling and storage</i> |
| <i>As with all powders, limit the creation and inhalation of dust.</i> |
| <i>Wet floor may become extremely slippery when diatomite is present.</i> |

IX. Additional Precautions

Emergency Telephone Numbers

Medical: (801)295-2025

Technical: (801)295-2025