

Material Safety Data Sheet

HMIS

Health	<u>0</u>
Flammability	<u>0</u>
Reactivity	<u>0</u>
Personal Protection	<u>E</u>

Last Review 4-28-00

I. Identification

Product Name: Perma-Guard Pet and Animal Insecticide D-20 (67197-5)
 Chemical Name: _____ Chemical Family: SILICATES
 Formula: SI02-AL2 3-FE2 3-CAO 20% Pyrethrin-piperonyl butoxide
 EPA #:67197-5

II. Ingredients

Mineral or Chemical Name(s)	Weight %	CAS #
Amorphous Silica - Natural Diatomite	86.00%-90.0%	61790-53-2
Pyretherin	0.18%-0.22%	8003-34-7
Isopararffinic-petroleum Solvent	0.70%-0.90%	647472-47-83
Piperonyl-butoxide-technical*	0.90%-1.10%	51-03-06
*(Equivalent to min. 0.8% butylcarbutyl-6propylpiperonyl ether and 0.2% related compounds)		

III. Physical Data

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

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

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

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

Stability: Inert	Incompatibility: None
Hazardous Decomposition Products	None
Hazardous polymerization:	None
Conditions to avoid:	None

VI. Spill or Leak Procedures

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

VII. Special Protection Information

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

VIII. Special PrecautionsPrecautions to be taken in handling and storage

As with all powders, limit the creation and inhalation of dust.
Wet floor may become extremely slippery when diatomite is present.

IX. Additional PrecautionsEmergency Telephone Numbers

Medical: (801)295-2025

Technical: (801)295-2025