

**Material Safety Data Sheet**

May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

IDENTITY (As Used on Label and List)		Note: Blank spaces are not permitted. If any item is not applicable	
<b>Diatomaceous Earth</b>		or no information is available, the space must be marked to indicate that.	
Manufacturer's Name: Soil Mender Products, LP		Emergency Telephone Number: (800) 222-1222	
Address (Number, Street, City, State, and ZIP Code)		Telephone Number for Information: (800) 441-2498	
3071 Hwy. 86		Date Prepared: January 1, 2008	
Tulia, TX 79088		Signature of Preparer (optional)	

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Amorphous Silica – Natural Diatomite	TWA 80	TWA 10mg/m3		
SiO <sub>2</sub> Approx 90%	MG/M3/%SiO <sub>2</sub>			
	TWA 6 MG/m3			

CAS # 61790-53-2

The American Conference of Government Industrial Hygienists (ACGIH) classifies mineral particulates as nuisance dusts. This natural Diatomaceous Earth has measured levels of less than 0.1% crystalline silica as quartz. Levels are therefore less than the OSHA concentration limit of 0.1%.

This product is considered NOT HAZARDOUS

**Section III - Physical/Chemical Characteristics**

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	2.2
Vapor Pressure (mm Hg.)	N/A	Melting Point	1400°
Vapor Density (AIR = 1)	N/A	Evaporation Rate	N/A
Solubility in Water Nil		(Butyl Acetate = 1)	
Appearance and Odor	<b>Bright White Powder – None</b>		

**Section IV - Fire and Explosion Hazard Data**

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

### Section V - Reactivity Data

Stability: Inert, stable
Incompatibility: Avoid contact with Hydrofluoric Acid, heat may be generated
Hazardous Decomposition or Byproducts: None
Hazardous Polymerization: Will not occur
Conditions to avoid: None

### Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards ( <i>Acute and Chronic</i> ): <u>Inhalation</u> - Acute accidental exposure would be nonspecific. Symptoms might include coughing, wheezing, difficult breathing, and upper respiratory tract irritation.			
<u>Skin</u> – No known concern <u>Eye</u> – May cause temporary discomfort and irritation			
<u>Ingestion</u> – No known hazard			
Carcinogenicity: <b>N/A</b>	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure: Eye irritation, coughing, wheezing, difficult breathing, and upper respiratory tract irritation.			
Medical Conditions Generally Aggravated by Exposure: Preexisting lung and respiratory conditions			
Emergency and First Aid Procedures:			
For Inhalation: Remove to fresh air, if breathing difficulties persist give oxygen and call physician Skin: Wash skin with soap and water. Eye Contact: Flush with water, if discomfort persists, call physician.			

### Section VII - Precautions for Safe Handling and Use

Steps to be taken in Case Material is released or spilled: Vacuum clean or wet sweep spillage
Waste Disposal Method: Waste should be disposed of in a closed container to prevent dust
Precautions to be taken in Handling and Storing: Approved dust respirators for exposure to potentially high dust environments. Local exhaust ventilation recommended.
Other Precautions: Safety Glasses

### Section VIII – Control Measures

Respiratory Protection ( <i>Specify Type</i> ): High Dust Environment	
Ventilation Local Exhaust: Recommended Special None Mechanical ( <i>General</i> ) None Other None	
Protective Gloves: Not required	Eye Protection: Safety Glasses
Other Protective Clothing or Equipment: Not Required	
Work/Hygienic Practices: As with all powders, limit the creation and inhalation of dust. Wet floors may become extremely slippery when diatomite is present.	