
Material Safety Data Sheet

Product Name: Diatomaceous Earth

	HMS
Health	<u>1</u>
Flammability	<u>0</u>
Reactivity	<u>0</u>
Personal Protection	<u>E</u>

1. IDENTIFICATION

Product Name:	Diatomaceous Earth		
Chemical Name:	Chemical Family:	SILICA	
Formula:	SiO ₂		
CAS:	68855-54-9		

2. INGREDIENTS

Mineral or Chemical Name:	Weight %	CAS#
AMORPHOUS SILICA-NATURAL DIATOMITE	95.0%-100.0%	61790-53-2

3. PHYSICAL DATA:

Specific Gravity	2.2	Bulk Density:	26lb/cu. ft.
Boiling Point:	N/A	Freezing Point:	N/A
Vapor Pressure:	N/A	Vapor Density:	N/A
Evaporation Rate:	N/A	% Volatile:	NONE
Appearance and odour:	A SOFT EARTHY POWDER	Solubility in water:	0.2%

4. 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 overexposure:

Inhalation	ACUTE ACCIDENTAL OVEREXPOSURE WOULD BE NON-SPECIFIC. SYMPTOMS MIGHT INCLUDE COUGHING, WHEEZING, DIFFCULTY, BREATHING, AND UPPER RESPIRATORY TRACT IRRITATION
Skin Contact	NO KNOWN CONCERNS
Eye Contact	MAY COUSE TEMPORARY DISCOMFORT AND IRRITATION
Ingestion	NO KNOWN HAZARD

Possible effects of repeated overexposure:

CHRONIC OVEREXPOSURE MAY CAUUSE PNEUMOCONIOSIS (DUSTY LUGNS)

*** NO KNOWN HAZARDS***

Inhalation	REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE 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 DISCOMFORT PERSISTS, CALL A PHYSICIAN
Ingestion	NO KNOWN HAZARD
Notes to Physician:	THERE ARE NO SPECIFIC ANTIDOTES FOR ACUTE OVER-EXPOSURE. TREATMENT SHOULD BE DIRECTED AT CONTROL OF SYMPTOMS.

5. REACTIVITY DATA:

Stability:	INERT	Incompatibility:	Hydrofluoric Acid
Hazardous Decomposition By-products:			NONE KNOWN
Hazardous Polymerization:			NONE
Conditions to Avoid:			NONE KNOWN

6. 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.

Product is not considered a hazardous waste under RGRA (40 GFR Part 261).

7. 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

8. SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage:
AS WITH ALL POWDERS, LIMIT THE CREATION AND INHALATION OF DUST.
WET FLOORS MAY BECOME EXTREMELY SLIPPERY WHEN DIATOMITE IS PRESENT.

9. ADDITIONAL PRECAUTIONS:

NONE



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