



1. Chemical Product and Company Identification

Generic Name	Diatomaceous Earth	Manufacturer	DiatomaceousEarth.com
Chemical Family	Silicates	Address	790 W Lookout Rd. Panguitch, UT 84759
Formula	SiO ₂	Emergency	Chemtrec USA (800) 424-9300
EINECS	310-127-6	International	+01 (703)527-3887 Collect
CAS	61790-53-2		

2. Hazard Identification

Prolonged and repeated exposure to excessive concentrations of this product's dust or any nuisance dust can cause chronic pulmonary disease. Dust contact with eyes may cause temporary scratchiness or redness. **This product has not been classified as a carcinogen by NTP or IARC.**

2.1 GHS Classification		2.2 Label elements	
Physical and chemical hazards	No Classification	Pictogram	None
Human Health	No Classification	Signal Word	None
Environment	No Classification	Hazard Statement	None
		Precautionary Statements	None

3. Composition Information On Ingredients

Ingredient Name	Natural Diatomaceous Earth (DE), Amorphous Silica, Natural Silicon Dioxide (SiO ₂)
CAS Number	61790-53-2
% (Uncalcined)	100%, 6mg/M3 Total Dust (MSHA), 10mg/M3 Total Dust (ACGIH)

4. First Aid Measures

Inhalation	Remove to fresh air. Drink water to clear throat. Blow nose to clear dust.
Eyes	Flush eyes with large quantities of water. If irritation persists, contact a physician.
Skin Contact	N/A
Skin Absorption	N/A
Ingestion	NOT HAZARDOUS WHEN INGESTED

5. Fire Fighting Measures

Flash Point	Non-Flammable
Auto Ignition Temperature	None
Unusual Fire and Explosion Hazards	None

6. Accidental Release Measures

Procedures for Spill/Leak: Vacuum Clean dust with equipment fitted with HEPA filter. Use a dust suppressant such as water if sweeping is necessary.

7. Handling And Storage

Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes. Seal broken bags immediately. Continue to follow all SDS/Label warnings when handling empty containers.

8. Exposure Control / Personal Protection

Goggles	Goggles or Safety Glasses with Side Shields are recommended.
Gloves	Not normally required.
Respirator	<10X PEL. Use an N95 Quarter or half mask respirator <50X PEL, use a full face respirator equipped the N95 filters <200X PEL, use a powder air purifying respirator (positive pressure) with N95 filters, Type C supplied air respirator Continuous flow mode).
Ventilation	Use Sufficient Natural or Mechanical ventilation to keep dust level below PEL.
MSHA PEL	6 mg/M3 total nuisance dust (uncalcined Diatomaceous Earth).
ACGIH TLV	10 mg/M3 Total Dust.

9. Physical and Chemical Properties

Appearance and odor	Fine white powder, no odor
Specific Gravity (water =1)	2.2
PH	7.5-9.0
Boiling Point	N/A
Vapor Pressure	N/A
Boiling Point	N/A
Water Solubility (%)	N/A
Evaporation rate	N/A
Melting Point	N/A
% Volatile by Volume	NIL

10. Stability and Reactivity

Material is Stable	Hazardous Polymerization cannot occur
Chemical incompatibilities	Hydrofluoric Acid
Conditions to Avoid	None in designed use

11. Toxicology Information

Prolonged and repeated exposure to excessive concentrations of this product's dust, or any nuisance dust, can cause chronic pulmonary disease. Dust contact with eyes may cause temporary scratchiness or redness. This product has not been classified as a carcinogen by NTP or IARC.

12. Ecological Information

Generally considered chemically inert in the environment. Used material that has become contaminated may have significantly different characteristics based on the contaminants and should be evaluated accordingly.

13. Disposal Considerations

Waste is not hazardous as defined by RCRA (40 CFR 261). Other state and local regulations may vary, consult local agencies as needed. Used material that has become contaminated may have significantly different characteristics based on the contaminants and should be evaluated accordingly.

14. Transportation Information

D.O.T. Proper Shipping Name	Earth, Diatomaceous, Crude or Ground.
Hazard Classification	Not Restricted

15. Regulatory Information

OSHA	Hazard Communications Standard, 29 CFR 1910.1200: Material considered hazardous, see section 3
RCRA	This material is not defined as hazardous waster per 40 CFR 261
TSCA	This material is listed in the TSCA inventory and is not otherwise regulated by TSCA Sec 4,5,6,7 or 12
CERCLA	Material is not reportable under CERCLA, local requirements may vary
SARA	311/312 hazard categories-Immediate and delayed health, 313 reportable ingredients: None
CANADA	This product is listed on the DSL
CALIFORNIA	Proposition 65, Not Applicable
EU Regulation (EC) N ° 1272/2008	This material is labeled and supported accordingly with GHS standards
European Existing Chemicals (EINECS)	All of the components of this product are included on EINECS

16. Other Information

