



1. Chemical Product and Company Identification

Table with 2 columns: Property (Generic Name, Chemical Family, Formula, EINECS, CAS) and Value (Diatomaceous Earth Naturals, Silicates, SiO2, 310-127-6, 61790-53-2); Property (Manufacturer, Address, Emergency, International) and Value (DiatomaceousEarth.com, 790 W Lookout Rd. Panguitch, UT 84759, Chemtrec USA (800) 424-9300, +01 (703)527-3887 Collect)

2. Hazard Identification

Table with 2 columns: Hazard Type (Inhalation, Skin Contact/Absorption, Eye Contact, Ingestion, Exposure Limits) and Description (Upper respiratory irritant... May cause coughing or throat irritation... May cause slight irritation... Not hazardous when digested... ACGIH/TLV: 0.025 mg/m3 (cristobalite))

3. Composition Information on Ingredients

Table with 2 columns: Property (Ingredient Name, CAS Number, % (Uncalcined)) and Value (Natural Diatomaceous Earth (DE), Amorphous Silica, Natural Silicon Dioxide (SiO2) 100%, Crystalline Silica (cristobalite) < 5%, Diatomaceous Earth 61790-53-2, Crystalline Silica 14464-46-1, 100%, 6mg/M3 Total Dust (MSHA), 10mg/M3 Total Dust (ACGIH))

4. First Aid Measures

Table with 2 columns: Hazard Type (Inhalation, Eyes, Skin Contact, Skin Absorption, Ingestion) and First Aid Measure (Remove to fresh air... Flush eyes with large quantities of water... Remove contaminated clothing... NOT HAZARDOUS WHEN INGESTED)

5. Fire Fighting Measures

Table with 2 columns: Property (Flash Point, Auto Ignition Temperature, Unusual Fire and Explosion Hazards) and Value (Non-Flammable, None, 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. Diatomaceous earth is a non-toxic, non-biodegradable mineral. Waste generated from this product would only be considered hazardous when mixed with a substance that would be considered hazardous.

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. Use proper equipment for lifting and transporting all containers. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid all situations that could lead to harmful exposure. Store in a cool, dry, well-ventilated place. Keep container tightly closed, and away from incompatible materials.

8. Exposure Control / Personal Protection

Goggles	Chemical goggles, full-face shield, or a full-face respirator is to be worn at all times when product is handled. Contact lenses should not be worn; they may contribute to severe eye injury.
Gloves	Impervious gloves of chemically resistant material can be worn, although normally not necessary to do so. Wash contaminated clothing and dry thoroughly before reuse.
Respirator	NIOSH approved respirators (standard 42CFR84, series N95) are recommended when dust is present.
Ventilation	Mechanical ventilation (dilution or local exhaust), process or personnel enclosure and control of process conditions should be provided. Supply sufficient replacement air to make up for air removed by exhaust systems.
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 (%)	< 1%
Evaporation rate	N/A
Melting Point	> 1300°C
% 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. Amorphous silica (diatomaceous earth) is not classifiable as carcinogenic to humans. Crystalline silica however when inhaled as respirable dust, has been classified as carcinogenic to humans over prolonged and sustained exposure. Long-term inhalation of respirable crystalline silica may contribute to the respiratory disease silicosis (non-cancerous lung disease). In a 1997 monograph (Volume 68, "Silica"), the International Agency for Research on Cancer (IARC) concluded that overall the epidemiological findings support increased risk of lung cancer from inhaled crystalline silica resulting from occupational exposure (Group 1), while there was inadequate evidence in humans for the carcinogenicity of amorphous silica (Group 3).

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

