



SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CP Earth-Safe Organics Diatomaceous Earth

PRODUCT USE: Anti-caking Agent

MANUFACTURER NAME & ADDRESS: Vital Earth/Carl Pool

706 E Broadway

Gladewater, TX 75647

EMERGENCY PHONE NUMBERS: (903) 845-5985 (800) 245-7645

SECTION 2 – HAZARDS IDENTIFICATION

Potential Acute Health Effects:

Hazardous in case of inhalation (lung irritant). Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion in large quantities.

Potential Chronic Health Effects: Very hazardous in case of inhalation.

CARCINOGENIC EFFECTS: Classified 1 (Proven for human.) by IARC, 1 (Clear evidence.) by NTP, + (Proven.) by OSHA, + (Proven.) by NIOSH [Cristobalite]. Classified A2 (Suspected for human.) by ACGIH [Cristobalite]. Classified 1 (Proven for human.) by IARC, 1 (Clear evidence.) by NTP, + (Proven.) by OSHA, +(Proven.) by NIOSH [Quartz]. Classified A2 (Suspected f human.) by ACGIH [Quartz].

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to lungs, upper respiratory tract. Repeated or prolonged exposure to the substance can produce target organs damage.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name and Synonym

Composition

Diatomaceous Earth

Cristobalite

Silica

Quartz

SECTION 4 – FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

SECTION 5 – FIREFIGHTING MEASURES

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Slightly explosive in presence of oxidizing materials.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Powerful oxidizers may cause fire. (cristobalite)

Special Remarks on Explosion Hazards: Powerful oxidizers may cause explosions.(Cristobalite)

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7 – HANDLING AND STORAGE MEASURES

Precautions: Keep locked up. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 24°C (75.2°F).

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard of nuisance dust.

Personal Protective Equipment:

Eyes and Face: In dusty conditions, safety glasses with side shields or goggles may be necessary.

Skin: No special protective clothing is necessary under normal use conditions. Gardening gloves and safety glasses are suggested for repeated handling of the product and long-sleeved shirt, long pants, shoes and socks are recommended.

Respiratory: An Approved dust mask is required under normal use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------|---------------------------------------|---------------------------------|----------------|
| Boiling Point: | Non Applicable | Solubility in Water: | Insoluble |
| Density: | Not Available | % Volatiles (by volume): | Not applicable |
| Flashpoint: | Non-flammable | Vapor pressure, mm Hg: | Not applicable |
| pH: | Not applicable | Reaction with Water: | None |
| Appearance: | White Solid (Powdered Solid) Odorless | | |

SECTION 10 – STABILITY AND REACTIVITY

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatibles, dust generation.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not available.

Special Remarks on Reactivity: Incompatibility with powerful oxidizers: fluorine, chlorine trifluoride, manganese trioxide, oxygen difluoride, hydrogen peroxide, etc.; Incompatible with acetylene and ammonia. This chemical is attacked by Hydrogen Fluoride. Silica will dissolve in Hydrofluoric Acid and produce the corrosive gas Silicon Tetrafluoride (SiF₄). (Cristobalite)

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals: LD50: Not available. LC50: Not available.

Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified 1 (Proven for human.) by IARC, 1 (Clear evidence.) by NTP, + (Proven.) by OSHA, + (Proven.) by NIOSH[Cristobalite]. Classified A2 (Suspected for human.) by ACGIH [Cristobalite]. Classified 1 (Proven for human.) by IARC, 1 (Clear evidence.) by NTP, + (Proven.) by OSHA, + (Proven.) by NIOSH [Quartz]. Classified A2 (Suspected for human.) by ACGIH [Quartz]. May cause damage to the following organs: lungs, upper respiratory tract.

Other Toxic Effects on Humans: Hazardous in case of inhalation (lung irritant). Slightly hazardous in case of skin contact (irritant), of ingestion.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: May contain up to 44% crystalline silica which may cause cancer (tumorigenic). Crystalline silica has been identified by IARC as a class 1 carcinogen.

Special Remarks on other Toxic Effects on Humans: Acute Potential Health Effects: Skin: No adverse health effects expected. Eyes: May cause eye irritation. Ingestion: No adverse health effects expected. Inhalation: Affects respiration and irritates respiratory tract. Acute pneumoconiosis from overwhelming exposure to silica dust has occurred. Coughing and irritation of throat are early symptoms. Inhalation of quartz is classified as a human carcinogen. Risk of cancer depends upon duration and level of exposure. May also affect liver. Chronic exposure to quartz can also cause silicosis, a form of lung scarring that can cause shortness of breath, reduced lung function. May also affect blood. Aggravation of Pre-existing Conditions: Inhalation may increase the progression of tuberculosis; susceptibility is apparently not increased. Persons with impaired respiratory function may be more susceptible to the effects of this substance. Smoking can increase the risk of lung injury.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14 – TRANSPORTATION INFORMATION

Shipping Name: Not DOT regulated.

Hazard Class: None

Reportable Quantity (RQ) None

Labels Required: Normal

Placard: None

SECTION 15 – REGULATORY INFORMATION

General Comments: Contact local authorities for proper disposal of large quantities of unused product.

SECTION 16 – OTHER INFORMATION

MANUFACTURER DISCLAIMER: The information contained herein is, to the best of the Manufacturer's knowledge and belief, accurate and reliable as of the date of the preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the Manufacturer shall not be liable for any loss or damage arising out of the use thereof. In addition, the Manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

Notice: How this product is used is very important and beyond the control of the seller. The buyer assumes all risk for any use beyond those described on the label or for any use under abnormal conditions.