



DIATOMACEOUS



EARTH

NATURAL GRADE

100% FRESH WATER SOURCE

MEETS FDA FOOD CODEX STANDARDS

NO ADDITIVES - 100% CLEAN & PURE DIATOMACEOUS EARTH

FOR USE:  
Indoors &  
Outdoors

NET WEIGHT:  
5 LBS or  
2.27 KG

INGREDIENTS:  
Diatomaceous  
Earth - 100%



PACKAGED BY



Treat your home and garden with a naturally occurring substance that has been fossilized and resting for millions of years in the purest mine in the world. Mantis Diatomaceous Earth is a chalky, natural mineral that is collected from pure deposit points out of ancient Eastern Oregon freshwater beds. Completely free of contaminating clays and organic debris, Mantis DE is classified as a healthy and safe natural grade product by the FDA Food Codex standards.

Mantis DE is one of the purest diatomaceous earth products in the market...Some diatomaceous earth sources have high crystalline silica content, which is considered hazardous to the lungs and other vital organs when observed at 0.1% or higher. Mantis DE has been verified and proven to contain undetectable levels of crystalline silica, which is far lower than the threshold for allowable silicosis risk.

Best of all, the high level of mineral purity ensures that Mantis DE has the highest absorptive capacity with unobstructed mineral pores that absorb faster and more fully than other deposit blends. Mantis DE has demonstrated the ability to absorb, desiccate, and draw in nearly seven times as much liquid as competitor DE products.

Higher purity, higher absorption rates, and undetectable hazard levels ensure a cleaner, more effective natural diatomaceous earth product for your home and garden.

**INGREDIENTS:**

Diatomaceous Earth.....100%

**\*\*Meets U.S. Food Chemical Codex Standards (FCC)\*\*  
A Natural Product Composed of Ground Diatomaceous Earth,  
Amorphous Silica (Freshwater Type)**

**STORAGE:** Store in a cool dry area.

**CAUTION:** This material may cause moderate eye or skin irritation. Avoid contact with eyes. Use adequate ventilation and avoid breathing dust. Wear goggles and a suitable dust mask (e.g. NIOSH/MSHA TC-21-c or ISO 1716 Class P1)

**STATEMENT OF PRACTICAL TREATMENT:**

If in eyes: flush eyes with water. If irritation develops, consult a physician.

**DIRECTIONS FOR USE**

**UV SUN BLOCKER & FREEZE PROTECTANT**

**Trees, Vines, Fruits, and Vegetable Plants:**

**Wet Method:**

Mix 2-4 Ounces (60-120 grams or 4-8 tablespoons) of Mantis DE per gallon of water agitating until powder goes into solution. Spray the plants until they are wet but not dripping and be sure to spray undersides of leaves as well. When proper coverage is achieved, plants will look whitewashed after drying.

Apply as many times as needed but application should last for about 2 weeks. Renew after rain or heavy dew. Timing and frequency depend upon temperature, cloud cover, leaf coverage, type of plant, and vegetative growth.

If using Mantis DE with phosphate or phosphite materials, add them first, mix, then add other pesticides and foliar nutrients. Add Mantis DE last to the full spray tank, agitate well, and spray immediately.

\*Mantis DE is compatible with most pesticides and foliar nutrients.  
\*Mantis DE has a trace mineral content that helps to enhance plant growth and nutrition.

**Dry Method:**

Fill a shaker container with Mantis DE and shake powder onto the plants. The best time to apply is in the early morning or late evening when plants are wet with dew. The moisture helps the dust adhere to the plant. Renew after rain or heavy dew.

**SOIL TOP DRESSING**

Sprinkle a layer of Mantis DE to the surface of soil in plant containers, garden beds and to the area surrounding the garden. For individual plant protection, pour a thick ring of Mantis DE around the base of plants. Renew after rain or heavy dew.

**ANTI-CAKING SUPPLEMENT**

Use Mantis DE as an anticaking agent or inert carrier at an amount not to exceed 2% by weight of total ration.

**OTHER COMMON USES OF DIATOMACEOUS EARTH...**

- Garden Pest Control
- Home Pest Control (bed bugs, cockroaches, spiders, ants, and earwigs)
- Flea & Tick Control on Pets
- Grain Storage Protection
- Livestock & Poultry Feed Supplement
- Odor Control

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**MADE IN USA**