



DIATOMACEOUS EARTH

Information Sheet

D.E. - FOOD GRADE - FOSSIL SHELL FLOUR

With more than 40 years of experience, Perma-Guard's FOSSIL SHELL FLOUR® is a very pure form of diatomaceous earth used as an anti-caking feed additive. Actually, DE is not an earth. It is the fossilized remains of microscopic shells created by one-celled plants called DIATOMS. A fresh water deposit in the mountains, such as Perma-Guard's, formed when snow was pure and its run off provided the water source these diatoms lived in. Out of 600 deposits in the US only 4 are considered "food grade" by the FDA standards. The Perma-Guard deposit has 89 - 95 percent amorphous silica content. Amorphous silica is silica in its natural occurring state. It is a trace mineral every mammal on the planet needs to live.

AS A FARM ANIMAL & PET SUPPLEMENT

Bird and animal feed contain substances such as molasses that cause the particles to become "sticky." It forms clumps that not only make the feed hard to pour, but also to become moldy. FOSSIL SHELL FLOUR®, mixed in the feed, coats each particle making it difficult for the particles to stick together. This allows the feed to "flow" better and its absorption ability protects it from mold. No mold means less wasted feed. By separating the particles of feed, the animal's digestive enzymes are able to completely surround each particle. This allows for a more complete digestion. The animal gets more benefit from his feed and the farmer more benefit for his feed dollar.

Natural food grade diatomaceous earth contains 15 trace minerals: calcium, magnesium, sodium, potassium, copper, zinc iron, phosphorous, selenium, etc. People note shinier coats, better overall health, better production, etc. in their animals who are fed food grade DE regularly.

When lightly rubbed into their coats and dusted in their area, it is very effective against fleas, ticks, lice, and other pests on dogs, cats, and birds. DE is also an effective ORGANIC WORMER and will kill any worms or parasites the animals may have. When using as a daily food supplement or as a safe wormer, mix Food Grade Diatomaceous Earth with animal food and animal feed as follows:

Kittens - ½ teaspoon
Cats - 1 teaspoon
Puppies - ½ to 1 teaspoon
Dogs under 35 lbs - 1 teaspoon
Dogs over 35 lbs - 1 tablespoon
Dogs over 100 lbs - 2 tablespoons
Cattle, Dairy Cows, & Hogs - 2% of dry feed ration
Chickens - 5% in feed
Goats, Sheep, Alpacas, & Llamas - 2% in grain
Horses - ½ to 1 cup in daily ration
Humans - 1 to 3 teaspoons daily

If fecal counts are not zero for worms and ova after feeding DE for 30 days, increase the daily dose. Feeding too small a dose of DE will not give desired results. Increasing the dose, even if greater than the above recommendations, will not harm animal or human. Apply to moist kennel/barn areas to reduce odors, dry the area, and prevent pest breeding. Deodorizing and absorption are natural functions of DE, so add to kitty litter to absorb odors and keep the litter box drier. Excellent in the fowl coops - on the ground, in nesting/dusting boxes to prevent lice and mites. Sprinkle directly on fowl feathers to eliminate mites and lice. One thorough application of diatomaceous earth has their feathers growing back quickly. Food grade DE applied to manure piles keeps fly loads down/eliminated.

Dairy cow owners put food grade diatomaceous earth in burlap bags, so cows can rub against it and sprinkle themselves with DE, which helps to eliminate flies, that land on them, as well as lice, mites, and ticks.

FOR HUMANS AS A SUPPLEMENT

Promotes a healthier colon through the removal of internal parasites and worms, helps regulate bowel movements, helps lower cholesterol and blood pressure, while promoting healthier hair, nails and clearer skin.

Dosage

Take 1-3 teaspoons per day mixed in water, juice, food or smoothie daily. No unpleasant taste. Stir while drinking to prevent settling. Or if you prefer, mix it into a small amount of water, stir and immediately consume. Don't worry about getting too much, excess silica not needed by the body is eliminated through the bloodstream, kidneys and intestines.

Face Mask & Cleanser to Exfoliate & Tone

Mix with water to form a paste. Apply to face in circular scrubbing motion until face is fully covered. Leave on for 2 min and wash with warm water. You can also mix DE in with your favorite skin cleanser. Silica is a building block for collagen.

Teeth Cleaner

Sprinkle a small amount on your favorite toothpaste for a "Just went to the Dentist" clean feel.

Metal & General Cleaner

Make a paste to polish metals. Also use as a soft scrub for the shower, sink and faucets.

GREAT FOR THE YARD AND GARDEN

Outdoor bugs affected by DE: Ants, fire ants, caterpillars, cut worms, army worms, fleas, ticks, cockroaches, snails, spiders, termites, scorpions, silverfish, lice, mites, flies, centipedes, earwigs, slugs, aphids, Japanese beetles (grub stage), bed bugs, fruit flies, corn earworm, cucumber beetles, corn borer, sting bugs, squash vine borers, thrips, loopers, etc., etc. Beneficial to earth worms and compost when applied to the top of the soil. Use to white wash fruit tree trunks. 1 cup applied to a gallon of water works well. A good white wash for wood fencing too!

*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

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