

Diatomaceous Earth (DE)

– Food Grade –

Diatomite ~ Amorphous Silica



Natural diatomaceous earth (DE) is the remains of microscopic one-celled plants (phytoplankton) called diatoms that lived in the oceans and lakes that once covered the western part of the US and other parts of the world. These deposits are mined from underwater beds or from ancient dried lake bottoms. Diatoms (DE) are the grass of the oceans and lakes. Just as grass is the staple food of earth animals. Diatoms (algae) are the food of the ocean or fresh water grazers.

Diatomaceous earth is mined, milled, and processed into a myriad of types for a large variety of uses. Filtering and filler are two main uses but diatomaceous earth also ends up in paints, cosmetics, drugs, chemical insecticides, etc. Because the milling produces different sized and shaped particles, it is important not to use the filtering type for agricultural purposes.

Garden or Pool Filter Grade Diatomaceous Earth (DE) is commonly used to control garden pests such as ants. Pool filter grade diatomaceous earth has been heat and chemically treated and **will poison an animal or human who ingests it**. It is **NOT** to be used for consumption by animals or humans. It is always of utmost importance to only obtain food grade diatomaceous earth to use in and around your household.

Food grade Diatomaceous Earth (DE) is EPA approved to be mixed with grains to control mealworms and other pests and has been exempted from tolerance requirements as an inert, inactive ingredient in chemical pesticides.

- 🌐 Diatomaceous earth is EPA approved against indoor and outdoor crawling insects.
- 🌐 Diatomaceous earth is USDA approved as an anti-caking agent for animal feed.
- 🌐 Diatomaceous earth is FDA approved for internal and external use

Diatomaceous earth has been used for at least two decades as a natural wormer for livestock. Some believe diatomaceous earth scratches and dehydrates parasites. Some scientists believe that diatomaceous earth is a de-ionizer or de-energizer of worms or parasites. Regardless, people report definite control. To be most effective, food grade diatomaceous earth must be fed long enough to catch all newly hatching eggs or cycling of the worms through the lungs and back to the stomach. A minimum of 60 days is suggested by many, 90 days is advised for lungworms.

Food grade diatomaceous earth works in a purely physical/mechanical manner, not 'chemical' and thus has no chemical toxicity. Best yet, parasites don't build up a tolerance/immunity to its chemical reaction, so rotation of wormers is unnecessary.

MINERALIZATION: 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 diatomaceous earth regularly.

INTERNAL APPLICATION: Daily recommended **food grade DE** feeding rates:

Kittens	1/2 teaspoon
Cats	1 teaspoon
Puppies	1/2 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	2% in grain
Horses	1/2 to 1 cup in daily ration
Humans	1 heaping tablespoon daily

Internal feeding of food grade diatomaceous earth helps eliminate most internal worms, though possibly not all. It's also excellent when fed daily to keep down fly loads, since food grade diatomaceous earth is eliminated from the body, exactly the way it went in, it helps reduce the manure odour and kills flies that come in contact with it.

Diatomaceous Earth (DE) can be purchased from: **QuinnCarlin Distributors Ltd.,**
Phone: 866-MID-WOOF, www.midwoof.com, info@midwoof.com

Mix in animal feed or grain and/or feed free choice.

Some recommend to dose humans by mixing food grade diatomaceous earth in a glass of water before bed or first thing in the morning, well before breakfast, to allow diatomaceous earth time to move through and absorb toxins from one's digestive tract without interfering or absorbing nutrients from foods or liquids. Some report great results consuming 1 tsp. in a glass of water prior to each meal, 3 times per day.

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 anyone. Some horses do fine on 1/2 cup of DE daily, others need a full cup. This reminds us, that all beings are different. So again, if the worm and ova counts are not zero, increase your daily dose.

EXTERNAL APPLICATIONS FOR DOGS & CATS: Lightly rub food grade diatomaceous earth into pets coat, fur, and bedding to dehydrate fleas, lice, mites, and ticks. Dust them lightly, but thoroughly, as in order to kill the parasites, they must come in contact with the DE. Note, external application can take up to 72 hours to dehydrate external parasites.

Lightly sprinkle in household carpet. Leave for 2-3+ days, and then vacuum.

MORE BENEFITS: Food grade diatomaceous earth has been reported in scientific literature to absorb methyl mercury, e-coli, endotoxins, viruses (including poliovirus); Food grade diatomaceous earth detoxifies organic systems.

There are some features about food grade diatomaceous earth that correspond with its ability as both a digestive aid and a colon cleanser.

Diatomaceous earth has a negative charge and bacteria has a positive charge, wherein it is believed by some that food grade diatomaceous earth sweeps bacteria out of the body by trapping it in its honeycomb shaped skeletal form.

CAUTIONS:

- Ⓜ DE manufacturers who work in diatomaceous earth mines 5 days/week advise inhaling it is not a problem (of course, don't be snuffing it) and we have not had problems when inhaling DE in small amounts. IF you have asthma or some other lung ailment, either wear a mask or be very careful when using food grade diatomaceous earth.
- Ⓜ Do NOT get diatomaceous earth in the eyes. DE is drying to the eyes, so do NOT put it out when you or your pets are down wind of it. DE is drying to your skin, hands, and feet, just as it can be to your pets.
- Ⓜ Do NOT use heavily in carpet. Some advise too much DE causes vacuum problems.
- Ⓜ NEVER use pool filter grade or any diatomaceous earth other than those labelled "Food Grade" around animals. It can poison or kill them.
- Ⓜ Some people experience a healing crisis (detox reaction) when beginning DE consumption. If this occurs, reduce the dose, till your body is cleansed, and then increase to the RDA.
- Ⓜ Remember, DE will kill beneficial insects as well, so use accordingly.

**250 - 500 gram packages of Food Grade DE are available online.
Larger quantities are available on request.**

The information provided is based on the traditional and historic use of herbal and homeopathic remedies as well as personal anecdotal experience. This does not constitute medical, veterinary or professional advice. Any person making the decision to act upon this information is responsible for investigating and understanding the effects of their own decisions and actions.