

Diatomaceous Earth

Food grade diatomaceous earth has many uses and excellent health benefits for humans, plants, and animals. The diatomaceous earth information below will tell you:

Some of the differences in grades of diatomaceous earth.

What food grade diatomaceous earth is and where it comes from.

Why it is important to use ONLY food grade diatomaceous earth.

Information on the many health benefits of food grade diatomaceous earth for people, pets, livestock, and plants.

How to use food grade diatomaceous earth to increase the health of your people, pets, livestock, and plants.

How to use food grade diatomaceous earth for naturally effective parasite control.

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 thousands of years old. This means, diatomaceous earth has an unlimited shelf life provided you keep it dry.

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.

Pool filter grade diatomaceous earth has been heat and chemically treated and will poison an animal or human who ingests it, so it is always of utmost importance to only obtain food grade diatomaceous earth to use in and around your household. ***Whole Earth Pet Supply only sells human grade quality.***

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. Magnified 7000x, diatomaceous earth looks like spiny honeycombs.

Food grade diatomaceous earth 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 and has a rating of Food Chemical Codex Grade.

Our diatomaceous earth is organic OMRI listed Codex Food Chemical Grade. It is a non-treated, non-calcined fresh water Diatomaceous Earth. It is mined, crushed, sifted, bagged and pure white in color. It contains less than .5% silicon. There are food grade diatomaceous earth products that are yellow or tan in color which indicates a higher iron content. Those which are gray in color contain more clay.

INTERNAL PARASITE CONTROL: Food grade diatomaceous earth makes a very effective natural insecticide. The insecticidal quality of diatomaceous earth is due to the razor sharp edges of the diatom remains. When diatomaceous earth comes in contact with the insects, the sharp edges lacerate the bugs waxy exoskeleton and then the powdery diatomaceous earth absorbs the body fluids causing death from dehydration.

Food grade 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.

People often ask why our DE is rated Food Chemical Codex Grade. If it was only labeled as "food" grade, people would think it is only useful as a food supplement and since DE "acts" like a chemical by dehydrating insects, it was labeled "Chemical" grade since it acts like a chemical, but it is NOT a true chemical like a pesticide or insecticide. It is perfectly safe for oral consumption.

*CLINICAL OBSERVATIONS OF FEEDING CODEX FOOD GRADE DIATOMACEOUS EARTH TO DOGS, O.C. Collins, DVM, Midland Animal Clinic And Hospital, Midland, TX: "In clinical observations of feeding dogs over 35 lbs. 1 tbsp./day and under 35 lbs. 1 tsp./day of DE, within seven days all ova disappeared from stools. DE controlled Ascaridis (Toxacara canids), Hookworms (Ancliyostoma caninum), and Whipworms (Trichuris vulipis)."

Daily recommended food grade diatomaceous earth feeding rates:

Kittens - 1/2 teaspoon

Cats - 1 teaspoon

Puppies - 1/2 to 1 tsp.

Dogs under 35 lbs. - 1 teaspoon

Dogs over 35 lbs. - 1 tablespoon

Dogs over 100 lbs. - 2 tablespoons

*Humans - 1 heaping tablespoon daily

Order today!