Diatomaceous Earth - Household Uses

Enjoy the many practical and money saving benefits of Diatomaceous Earth for every day household use:

**Metal Cleaner:**

Make a paste with Diatomaceous Earth and water to make a metal polish. Diatomaceous Earth also makes a very inexpensive soft scrub for the shower, sink and faucets.

**Face Mask and Cleanser:**

Mix Diatomaceous Earth and water together until you have made a paste. Apply to the face with circular scrubbing motion until face is fully covered. Leave on face for approx. 2 min. and then wash off with warm water. Your face will be fully exfoliated and toned for pennies!! Mix Diatomaceous Earth with your favorite cleanser and you will have cleaner, smoother skin.

**Teeth Cleaner:**

Sprinkle a small amount on your favorite brand of toothpaste and brush as you normally would. You will notice that your teeth look and feel "Just went to the dentist" clean.

**Garage/Driveway Oil Stains:**

To remove oil stains from garage floor or driveway: Make sure area is dry and completely cover the stain with diatomaceous earth. Let the powder soak up the oil for 24 hours. Remove the excess with a metal spatula or paint scraper and dispose.

**Refrigerator/Freezer Odors:**

Diatomaceous Earth can be used in the same way as baking soda to banish odors. Leave an open box or jar of DE in the refrigerator and freezer. Replace with fresh DE every week or so.

**Foot Odor:**

For fresh smelling footware, place some DE into the ends of two knee high nylon stockings and tie a knot the top. Place the stockings inside shoes or boots. Leave until used again.

**Carpet Stains:**

To remove stains from carpets, cover the stain with DE and lightly work into the stain. Let set for at least 2 hours and vacuum up.

**Garbage Can Odor:**

To deodorize a garbage can with DE, sprinkle a cup or so of diatomaceous earth in the bottom of the garbage can. Will deodorize and absorb moisture.

**Diatomaceous Earth FAQ:**

Regular Food Grade Diatomaceous Earth
for Pet and Animal Consumption:

Following is Recommended Food daily doses for Dogs and Cats. The DE seems to create an environment in the digestive system that parasites cannot live in. Also reported are great results with sore and painful hips and joints, and even a fuller, healthier shiny coat when fed as a regular daily supplement.

<table>
<thead>
<tr>
<th>Animal</th>
<th>Suggested Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large Cats</td>
<td>1 teaspoon</td>
</tr>
<tr>
<td>Kittens</td>
<td>1/4 teaspoon</td>
</tr>
<tr>
<td>Dogs 100 lbs +</td>
<td>1-2 tablespoons</td>
</tr>
<tr>
<td>Dogs 50-100 lbs</td>
<td>1 tablespoon</td>
</tr>
<tr>
<td>Mini dogs</td>
<td>1/2 teaspoon</td>
</tr>
</tbody>
</table>

O.C. Collins, DVM, of Midland Animal Clinic and Hospital in Midland, Texas said, “In clinical observations of feeding dogs over 35 lbs. 1 tablespoon/day, and dogs under 35 lbs. 1 teaspoon/day, of diatomaceous earth, within seven days all ova disappeared from stools. Diatomaceous Earth controlled Ascarids (Toxocana), Hookworms (Anclyostoma caninum), and Whipworms (Trichuris vulipis).” Now who wouldn’t want this for their pets?

NEW!!!

Diatomaceous Earth Pro Pet Powder PET FOOD SUPPLEMENT!

PRO PETPowDER is Now In Stock and ready to ship! PRO PET POWDER is a Diatomaceous Earth Pet Food Supplement with lots of goodies added!! While still 90% Food Grade Diatomaceous Earth, the other 10% is packed with several nutrients to enhance the health of your dog or cat. We have added the Probiotic Lactobacillus Acidophilus, Enzymes, Yeast Culture, Multi-Vitamins and Chelated Trace Minerals. There are approximately 120 tablespoons in this 1 pound container, so even if you have a large dog and are using a tablespoon a day, this is a 4-month supply. If feeding to a cat or small dog, this is up to a years supply! Scoop is included.

As pets get older, they often get sore hips and painful joints. Diatomaceous Earth in your pet’s daily diet will reduce arthritic inflammation.

Other suggestions for food grade diatomaceous earth for pets:

For your pet’s living areas, apply to moist kennel and bedding areas to reduce odors and to keep the area dry. Cat Litter/Kitty Litter: Liberally add Diatomaceous Earth to litter box to effectively control dampness and odors.
DIATOMACEOUS EARTH FOR LIVESTOCK:

Goats, chickens, horses, cows, pigs, sheep, rabbits and others will benefit from the use of Food Grade Diatomaceous Earth. As well as being beneficial to animal health our Diatomaceous Earth also acts as an anti-caking additive to help the feed ingredients from sticking together.

**More LIVESTOCK BENEFITS that have been observed:**

- Stimulates basic metabolism
- Converts feed better
- Reduces the desire to lick soil
- Scouring or diarrhea: when fed it seems to act as a material that draws both virus and bacteria out of the body and solidifies the stool
- Reduces odor and moisture in barns and stalls
- Better coat and hoof condition
- Reduces annual vet bills--decreased mortality
- Dairy cattle: Increased milk production
- Better egg production, stronger eggs, and reduces overall animal stress

**Suggested LIVESTOCK FEEDING and Application Rates:**

% of total weight of dry ration 5% in grain or 1 oz. per day

<table>
<thead>
<tr>
<th>Animal</th>
<th>Suggested Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beef Cattle</td>
<td>1% of total weight of dry ration or 1 oz. per day</td>
</tr>
<tr>
<td>Dairy Cattle</td>
<td>4 grams in morning milk per calf or 2 oz. per day in feed</td>
</tr>
<tr>
<td>Calves</td>
<td>5% in feed, use at full strength in dusting boxes</td>
</tr>
<tr>
<td>Chickens</td>
<td>2% of total feed ration, dust or spray on bedding and animals</td>
</tr>
<tr>
<td>Hogs</td>
<td>5 oz. (1 cup) in daily feed ration</td>
</tr>
<tr>
<td>Horses</td>
<td>1% in ground grains 1 part Diatomaceous Earth to 2 parts T-M salt</td>
</tr>
<tr>
<td>Sheep</td>
<td>1/2 oz. per day, up to 50% in T-M salt</td>
</tr>
<tr>
<td>Goats</td>
<td>1% in grain, 1/2 oz. per day, up to 50% in T-M salt</td>
</tr>
</tbody>
</table>

**FOR LARGE ANIMALS,** Diatomaceous Earth may be offered as "FREE CHOICE" as long as the dispenser is well protected from the wind. Your livestock will also gain benefits from the many trace MINERALS naturally provided by our Freshwater Food Grade Diatomaceous Earth, and DE helps reduce animal excrement odors that draw flies.

**Important Notice:** Feed ONLY Organic Freshwater Food Grade DE to animals.

**Diatomaceous Earth FAQ:**

Diatomaceous Earth - Human Use

**Diatomaceous Earth Food Grade**

**What is Diatomaceous Earth?**

Diatomaceous Earth (also referred to as "DE") is an all-natural remarkable product made from tiny fossilized remains of marine phytoplankton / water plants. These plants have been part of the earth's ecology since prehistoric times. It is believed that thousands of years ago, the diatoms built up into deep, chalky deposits of diatomite. The diatoms are mined and ground up to produce a powder that looks and feels like talcum powder to us. Diatomaceous Earth is a natural compound.

**Diatomaceous Earth Health Benefits**

On this page, we have categorized some of the results from testimonial reports that we have reviewed regarding Food Grade Diatomaceous Earth human health benefits, and wherever possible between this page and our "How DE Works" page, we try to reflect the science behind the testimonials. Of course, most actual in depth health related studies are initiated and controlled by the pharmaceutical industry, and why should those companies study the value of health remedies found in nature that could actually hurt their bottom line?

So here, we will endeavor to discuss the results that DE users have experienced by taking a heaping tablespoon of DE in their favorite juice or liquid on a daily basis without the benefit of an industry sponsored study. For more background on how Diatomaceous Earth works within the human body to create the benefits related on this page, see How DE Works. Some people react with great skepticism regarding human consumption of DE so we do hope to help illuminate the logical reasoning behind the health claims of CONSUMERS regarding the use of Food Grade Diatomaceous Earth for human health.

**DIATOMACEOUS EARTH PRICING and Product Information**

Of 600 DE deposits in the USA, only 4 rate in purity by FDA standards to be "Food Grade".

My name is Larry Smith, (President of Earthworks Health, LLC and EarthworksHealth.com). For better health, people like me and my family take one or two tablespoons of Diatomaceous Earth in a liquid every day. Many people benefit from just one teaspoon daily! I mix it with grapefruit juice and my wife mixes it with just water. Other options are mixing the DE with soda pop, juice, or whatever liquid you prefer. Some mix DE in protein shakes, applesauce or yogurt. Our Food Grade Diatomaceous Earth is pure. There is no actual flavor or taste to it. Since DE does not dissolve, stirring the mixture several times as you drink it will prevent settling. Some folks experience higher energy levels, so it is probably best not to take just before sleeping. Not to worry about taking too much - any excess silica not needed by the body is naturally eliminated through the kidneys and intestines... but we must find our own comfortable levels.

Remarkable Diatomaceous Earth health benefits through Silica

As previously noted, like most wonderful natural products, this product requires an FDA Disclaimer: "This information is not intended to diagnose, treat, cure, or prevent any disease. Discussion of Diatomaceous Earth health benefits is based solely on personal experience and testimony shared by individual DE users and this company cannot market or label DE as a human health supplement with specific medical claims." Having said that. **It is required of us to use the term "may help" when referring to benefits of Diatomaceous Earth.**

Diatomaceous Earth (DE) may help to absorb methyl mercury, E. coli, endotoxins, viruses, organophosphate pesticide residues, and drug residues. DE may be a natural organic colon cleanser and detoxifier. Cleansing and detoxification alone has a myriad of positive effects in the human body. Mechanisms are cited on "How DE Works" page. Adding to this is the widespread deficiency in human dietary sources of what is called "the most important trace element in human health" - Silica, and how rich DE is in this substance, we begin to understand...
the basis of the health benefits that so many have attested to. Only a trace amount of the DE silica is absorbed into the blood stream, and just that amount is a substantial gain for the user.

A growing number of people count beneficial human side effects of Diatomaceous Earth and SILICA as being nothing short of vital to their well-being and exhibit genuine devotion toward its use. The only cautionary side effect that we have found relating to Food Grade DE has to do with direct inhalation and is essentially the same caution that is advised when handling any fine powder. DE is a very fine powder. Food Grade Diatomaceous Earth is 89% Silica.

It was established in the 1940s that life can't exist without Silica. More recently, in her book "Water & Salt" Dr. Barbara Hendel states: "Silica is the most important trace element in human health." Silica plays an important role in many bodily functions and has a direct relationship to mineral absorption.

The average human body holds approximately seven grams of silica, needing significantly more silica than even important minerals such as iron. Most people are, in fact, silica deficient. Among other things, enough silica in the body is vital for calcium absorption to allow calcium supplements to work. If Silica deficient, as is the case in the vast majority of us, calcium supplementation can even be a negative. Food Grade Diatomaceous Earth is an excellent natural and organic source of silica.

Other Reported Health Benefits of Silica / DE

Include Maintaining Healthy Blood Pressure Levels, Maintaining Healthy Cholesterol Levels, Better Calcium Utilization for help with Osteoporosis and Healthier Joints, Weight Loss, Improvement in Hair, Nails, Teeth & Gums, More Energy, and an overall feeling of Well Being.

Keep Reading On For A More Detailed Health Discussion.

Osteoporosis, Joints & Calcium

Osteoporosis is a symptom of the aging process. As calcium in our body system depletes, our bones become brittle and weak. Taking only a calcium supplement cannot correct or stop this threatening and crippling disease because the body cannot assimilate and make use of the calcium without the presence of silica. Evidence suggests that, instead of affecting healing, supplemental mineral calcium, on the contrary, accelerates the leaching away of bone calcium and thus hastens the degenerative process of osteoporosis and similar diseases that affect the supportive and connective tissues in the human body. The Silica found in Diatomaceous Earth enhances calcium absorption.

For Osteoporosis

Silica may stop the pain and even restore the body's self-repair process. Osteoporosis symptoms attack women primarily after menopause but the degenerative process starts much earlier in their younger days. More women are dying of fractures caused by osteoporosis than of cancer of the breast, cervix, and uterus combined. Silica is responsible for the depositing of minerals into the bones, especially calcium. It speeds up the healing of fractures and also reduces scarring at the site of a fracture. More and more research evidence shows that through a transmutation process, silica is turned into calcium when it is needed. That is why some scientists refer to silica as a precursor of calcium. Even when calcium is insufficient, the body can turn silica into calcium that the bones need.

Natural Weight Loss

We have been getting hundreds of reports from all over the United States that DE is helping people lose weight. Everyone is saying that DE taken in the morning helps curb their appetite throughout the day. Just one more reason to take it every day!

Detox Your Body

Diatomaceous Earth health benefits reported to include detox! According to Kaayla T. Daniel, PhD, CCN and Galen D. Knight, PhD in their article "Mad as a Hatter" there is no better product to detox HEAVY METALS and RADIATION from your body than with Food Grade Diatomaceous Earth!
**Nature's Internal Cosmetic**

In Europe and Asia, Diatomaceous Earth health benefits are widely recognized to include use as a health and beauty product for hair, skin, nails, bones, and joints.

**Tissue Degeneration**

Tissue Degeneration accelerates due to aging when connective tissue develops an increasing inability to retain moisture when left unassisted. Silica may help slow the degenerative process of connective tissue. With silica, vitality and life, which are often lost as the years accumulate, may be naturally maintained or even restored to your skin. Collagen, largely made up of silica, is the glue that holds us together. If our body has enough silica glycosaminoglycan, the collagen will make us look younger. Silica may help with skin problems and injuries including itching, rashes, abscesses, boils, acne, callouses, warts, eczemas, burns, frostbite, benign skin sores, insect bites and bed sores. **If you regularly follow a silica regimen, your skin may keep its youthful look.** A good silica supplementation program works far better than other products for maintaining healthier and longer lasting collagen.

**Hair That Grows**

Hair is nature's greatest beauty enhancer. Hair deserves to be pampered. Hair at 90 micrograms per gram is almost as rich in silica as are healthy bones, which contain 100 micrograms per gram. Silica is a major component of hair. Using a good silica supplement should be part of your ongoing hair care program for revitalizing hair. Silica helps to prevent baldness, stimulates healthier hair growth and assures beautiful shine, luster and strength.

**Teeth and Gums**

By hardening the enamel, silica may prevent cavities and preserves teeth. Silica also may prevent bleeding gums, gum atrophy, and recession that causes the loosening of teeth, which could ultimately lead to tooth loss. Silica may also help fight ulceration and the decay of bones and teeth and also lessens inflammation.

**Tough As Nails**

Your nail plates are complex protein structures that grow four to five millimeters per month on average. With silica supplementation, fragile nails become normal within a short period of time. Silica will beautify the appearance of your nails and improve their hardness, making them shinier and less prone to breaking.

**Restorative Effects Of Silica**

This may be most noticeable on your hair, skin, nails and teeth. Our skin and hair require silica essentially for the same purpose as do other tissues. As we know, the supporting collagen underneath the skin enhances elasticity and beauty. Collagen owes that quality to silica, which provides a beautiful complexion that is more than skin deep.

**More Reported Benefits Of Diatomaceous Earth**

- Silica maintains healthy cholesterol levels
- Silica maintains healthy skin
- Silica stimulates metabolism for higher energy levels
- Diatomaceous Earth has a negative charge and bacteria has a positive charge. It is believed that Diatomaceous Earth may sweep bacteria out of the body by trapping it in its honeycomb shaped skeletal form.
- Silica supplementation may help repair and maintain vital lung tissue and protects them from pollution. By maintaining or restoring the elasticity of lung tissue, silica can reduce inflammation in bronchitis.
- It may act as a cough decreasing agent. Silica may tone the upper respiratory tract (nose, pharynx, and larynx) and reduce swelling because of its positive action on the lymphatic system.
• Silica supplementation keeps menopause free of stress and helps to prevent many unwanted side effects of menopause
• Silica may work with other antioxidants to prevent premature aging and to preserve youthfulness.
• Silica may help prevent kidney stones and heal infections of the urinary tract. It is a natural diuretic which can increase excretion of urine by 30 percent, thus flushing the water-excreting system and restoring normal function to these vital organs.
• The presence of sufficient silica in the intestines may reduce inflammation of the intestinal tract. It may cause disinfection in the case of stomach and intestinal mucus and ulcers. Silica may prevent or clear up diarrhea and its opposite, constipation.
• Silica may help normalize hemorrhoidal tissues.
• In regulating and normalizing the bowels, silica may have a pleasant side effect; it may alleviate lower back pain, which often troubles the elderly.
• Silica often proves effective with female discharge, abscesses and ulcers in the genital area and cervix, as well as mastitis (especially for breast feeding mothers).
• The intake of silica may act as a supportive treatment for inflammation of the middle ear.
• May have anti-inflammatory and odor binding effects.
• Silica can maintain healthy blood pressure levels.
• Silica may decrease vertigo, headache, tinnitus (buzzing of the ears) and insomnia.
• Silica may help diabetes by promoting synthesis of elastase inhibitor by the pancreas.
• Silica may help arterial disease by strengthening the blood vessels. Studies confirm that with age, silica disappears from the aorta, the heart’s key blood vessel, thus weakening its critical connective tissue and resulting in a greater cardiac risk.
• By improving the elasticity of the joints, silica may help rheumatism.
• Silica may have inhibitory effects on coronary diseases.
• Silica may help avoiding or alleviating Alzheimer’s disease by preventing the body from absorbing aluminum and may flush out aluminum from the tissues. Silica can stimulate the immune system.

**USAGE:**

Most who use Diatomaceous Earth mixed with a juice or liquid say that they use one to two tablespoons daily.

**Diatomaceous Earth FAQ:**


Don’t forget that Diatomaceous Earth has many Household Uses.

**REQUIRED FDA DISCLAIMER:** *

Content on this site is for reference purposes only, based on reviews from users of diatomaceous earth. It is not intended to substitute for advice given by a physician, pharmacist, or other licensed healthcare professional. User statements regarding this dietary supplement have not been evaluated by the Food and Drug Administration and are not intended to diagnose, treat, cure, or prevent any disease or health condition. Those with health problems, pregnancy or who are nursing are specifically advised that they should consult their physician before taking any nutritional supplement.
* Any food grade diatomaceous earth uses other than those approved by the EPA, FDA, or USDA are strictly anecdotal reports of what countless numbers of users as well as we ourselves have done with diatomaceous earth.

How Diatomaceous Earth Works

Organic Freshwater Food Grade Diatomaceous Earth (DE)

Food Grade Diatomaceous Earth uses:
Household Uses  Human Health Benefits

EARTHWORKS HEALTH is PURE Freshwater Food Grade Diatomaceous Earth.

THERE IS NO CLAY IN OUR PRODUCT

What Food Grade Diatomaceous Earth Does In Your Body This page explains the mechanisms of Food Grade Diatomaceous Earth within the human body to achieve the many health benefits that consumers have experienced. (See our Human Use page).

DIATOMACEOUS EARTH PRICING - INFO

Diatomaceous Earth Health Benefits: Why and How

1) As you can see from the picture of Diatomaceous Earth - (magnified 7,000 times) - it looks like a cylinder full of holes - kind of like Rice Chex Cereal. This cylinder has a very strong negative charge. As these millions of cylinders move through the stomach and digestive tract, they may attract and absorb fungi, protozoa, viruses, endotoxins, pesticides, drug residues, E.coli, and heavy metals. These are trapped inside the cylinder and passed out of the body. In addition, any larger parasites that happen to be in the stomach or digestive tract are "cut up" and killed by the sharp edges of the Diatomaceous Earth. All of these activities result in a much healthier body with less sickness. We often hear the phrase "I just feel better" with our Diatomaceous Earth users. This better feeling comes from all the "junk" being removed from the body and by helping maintain a healthy immune system.

2) Diatomaceous Earth is quite hard. On the hardness scale where diamonds are a 9, Diatomaceous Earth is a 7. This is very important because as those millions of tiny hard and sharp Diatomaceous Earth cylinders pass through the small and large intestines, they "scrub" the walls. After only a few months of taking Diatomaceous Earth, the intestine wall is no longer coated with mucus and molds but CLEAN!! The advantages of this are several:
1. Maintain regular bowel movements

2. Promotes a healthier colon. This is especially important as we get older. A clean healthy colon keeps away polyps and ulcers. Today, many are spending thousands of dollars to get colonics when Diatomaceous Earth may do the same.

3. Many users report increased energy and needing less sleep. This is a result of all the food and nutrients that are taken in being better absorbed into the blood stream. With a coated colon—many nutrients never get absorbed.

3) A small amount of Diatomaceous Earth gets absorbed into the blood stream as **silica**. One of the benefits of Silica is that it helps to destroy bad fats. Diatomaceous Earth Maintains a healthy Cholesterol range. Go to the page on "Human Use" and review all of the benefits of silica to the body.

1. Helps reduce Joint Inflammation

2. Helps maintain healthy skin

3. Hair and nails are stronger and grow faster

4. Healthier teeth and gums

5. Healthier respiratory tract

6. Menopause has less symptoms

7. Healthier urinary tract
DIATOMACEOUS EARTH PRICING - INFO

The benefits of silica are many

In today's grains, there is actually a shortage of silica. Years ago, the silica found in our foodstuffs was adequate, but with today's hybrids and depleted soils, only about 1/3 of the silica needed is supplied in our food. Diatomaceous Earth is a simple and inexpensive way to get the silica your body needs.

Any food grade diatomaceous earth uses other than those approved by the EPA, FDA, or USDA are strictly reports of what hundreds of users as well as we ourselves have done with diatomaceous earth.

Here are some of the testimonials we have received:

It Works!

In the process of placing my second order, I wanted to send an email regarding how Diatomaceous Earth worked for me. I am no longer awakened in the middle of the night with hip pain, but the first thing my husband and I noticed was not being tired all the time. Having energy throughout the day, and not crashing midafternoon equals more projects, activities etc. accomplished at the end of the day. We have shared this product with some friends. One of our friends is a painter by trade. He has (had) arthritic pain in his pinky finger which he could not bend to touch his palm without excruciating pain, making it hard to work. After taking DE for about 1 1/2 weeks-he can now bend it with much, much less pain. Another friend who is balding on top, went to his barber. As the barber was giving him his usual flattop haircut he asked him what he's been doing because his hair was growing! Needless to say, our friend is very excited about this product, which is why I am about to order 50lbs. I Thank you for offering this product and for keeping it so very affordable!!

M. Novinsky - L.I., NY

A "miracle" in my life

I have to tell you that Diatomaceous Earth is a 'miracle' in my life. For the past 5 years or so, my whole right side has been in pain. The last few weeks, the pain was excruciating. I had never contemplated hip replacement surgery, but the pain was so bad I would have had to do something if the DE had not started relieving the pain. I walked with a complete
limp on the right side and could not bend down nor lift my right leg up to put on a shoe. After only 7 days, my husband and family can not believe what DE has done for me. Looking forward to continued healing the next several weeks.

Thank-you,
Gabrielle

Now, about my DE. Been on a rounded tablespoon a day for 3 weeks this Friday. And I can already say, "Where have you been all my life"?! My back ache was gone in 3 days, been bad for about 3 weeks prior. Dry skin in now shiny, no flakes. And had trouble all this year with right knee locking up and very painful, down on knees working in my gardens, well, that has stopped, too!!! Fantastic stuff!!! Thanks for being there!

Sincerely,
Larry

**DIATOMACEOUS EARTH FOR FLEAS**

*(CRAWLING INSECT CONTROL is Perma-Guards EPA approved diatomaceous earth used when doing pest control on any type of insect.  EPA Reg. No. 73729-1-67197)*

(Both Food Grade Diatomaceous Earth and Crawling Insect Control Diatomaceous Earth are 100% Organic. The Crawling Insect Control DE has the approved EPA label on it for killing insects.)

**CRAWLING INSECT CONTROL PRICING - INFO**

Kill Fleas Naturally

PERMA-GUARD CRAWLING INSECT CONTROL---EPA REGISTERED AND APPROVED!
EPA REG. NO. 73729-1-67197   EPA ESTABLISHMENT NO. 67197-UT-001

**DIRECTIONS FOR APPLICATION**

**INDOORS:**

1. Apply **diatomaceous earth fleas** to the pet's entire fur coat making sure to rub it down to the skin. Do this for a period for two weeks, every day. Make sure not to miss the legs, belly, or hind quarters.

2. During this two weeks’ period take the product and apply in a light and visible coat to pet bedding indoors, flooring around the bedding, rugs, and upholstery. Leave for the first week, clean, and then reapply for the next week in the same fashion.

3. Clean thoroughly indoors and see where you stand. In most cases this eliminates the population and cuts off the gestational period. We do understand that in some cases fleas can get out of hand and we ask if you still notice some to reapply for another week or two both to your pet indoors.

**IF YOUR PETS ARE OUTSIDE:**

1. Apply **diatomaceous earth fleas** in the same fashion to your pet's entire fur coat every couple of days to ensure a good preventative measure.
2. Apply **diatomaceous earth fleas** also around the perimeter of kennels, cages, perimeter of your house and make sure it is light visible. BE sure to reapply to the perimeter and other areas if it rains.

3. Repeat steps 1 & 2 all summer to ensure the proper protection

4. (Optional) Florida is one of that states that has sand fleas and they are in huge numbers so some choose to apply to the entire lawn a few times to kill off a majority of the population. Mix 1/2 Lawn Sand & 1/2 Crawling Insect Control Diatomaceous Earth in a fertilizer spreader to ensure the product falls correctly and evenly. Product is very fine so be sure not to open the spreader too much. Play with it to get the right application rate. Make sure the application is light and visible and re-apply after every rain (*Rule of Thumb...If it rains and you are unable to see the application it is time to re-apply). For example, try to apply to the lawn when you have a stretch of sunny and clear weather to avoid the product being washed away the next day if it rains.

**DIATOMACEOUS EARTH BED BUGS**

*(CRAWLING INSECT CONTROL is Perma-Guards EPA approved Diatomaceous Earth used when doing pest control on any type of insect. EPA Reg. No. 73729-1-67197)*

*(Both Food Grade Diatomaceous Earth and Crawling Insect Control Diatomaceous Earth are 100% Organic. The Crawling Insect Control DE has the approved EPA label on it for killing insects.)*

**CRAWLING INSECT CONTROL PRICING - INFO**

**Kill Bed Bugs Naturally**

Diatomaceous earth Bed Bugs and a couple of plastic applicators (one to sprinkle powder and the other to puff powder) is all you need to get rid of bed bugs organically. No toxic chemicals. No exterminator fees. No need to move out of the house during the process. **Full instructions** for use of CRAWLING INSECT CONTROL diatomaceous earth bed bugs are on this page, and ordering is easy and inexpensive.

**NOW IN STOCK BEDBUG INTERCEPTORS** JUST PLACE UNDER BED LEGS

**To Start:** You can start with CRAWLING INSECT CONTROL diatomaceous earth bed bugs, one refillable PD-001 plastic dispenser used to sprinkle the powder ($4.00), and one Pest Pistol Powder Duster to puff the powder into crevices ($8.99).

When transferring the CRAWLING INSECT CONTROL diatomaceous earth from the original container, do not try to pour it. Use a large spoon or scoop. Being a fine powder, DE shakes well from the shaker, but does not pour like sand or sugar.
**Crawling Insect Control** diatomaceous earth will not only kill the bed bugs you have, but will do it without chemicals. **General Application Introduction:** Bed bugs cannot fly, so make sure bed is away from the wall and there is no bedding touching the floor.

Surround each of the 4 legs of the bed with **CRAWLING INSECT CONTROL** diatomaceous earth bed bugs - this will kill them as they try to get on the bed the only way possible. Dismantle bed. Use **CRAWLING INSECT CONTROL** diatomaceous earth in joints, crevices and where rungs are inserted. See that all interior areas are dusted.

Dust mattresses especially folds and edges. All cracks and crevices in the bedroom should be treated. Remove electrical outlet covers and puff some **CRAWLING INSECT CONTROL** diatomaceous earth inside the walls. The "Pest Pistol" works great for this. Keep this routine up for several days until there are no more bed bugs.

"HOW TO" INSTRUCTIONS FOR BED BUG APPLICATION FURTHER DOWN-PAGE.

Remember - Bed bugs are not your fault. You can pick up bed bugs from hotel rooms and infected places and innocently bring bed bugs home. To kill bed bugs naturally and eliminate bed bugs organically use **CRAWLING INSECT CONTROL** diatomaceous earth bed bugs.

You can spend hundreds of dollars on exterminators to get rid of Bed Bugs with dangerous chemicals and poisons, or you can protect the health of your family and pets with **CRAWLING INSECT CONTROL** diatomaceous earth bed bugs.

**The microscopic CRAWLING INSECT CONTROL** diatomaceous earth particles are deadly to the Bed Bug. The particles attach themselves to the bed bugs body and physically "scratch them to death!" Because it kills them mechanically, they cannot become immune to it like they do with so many of the chemicals today. Because it's a mineral, once you put it down it stays there and keeps working. You may sweep it up as you get rid of the dead Bed Bugs, but **CRAWLING INSECT CONTROL** diatomaceous earth doesn't lose power over time.

**HOW TO APPLY DE TO KILL BED BUGS**

1. Wash all bedding in hot water---add a little Clorox with the soap. Dry in dryer on the highest heat setting. If you can, use a steam cleaner on your mattress and box springs.

2. Make sure bed is not touching any walls. Also, make sure there is no skirting or anything other than the 4 legs touching the floor.

3. With your hands or an applicator, dust some **CRAWLING INSECT CONTROL** diatomaceous earth bed bugs into the mattress and ridges on the outside of the mattress. Dust some also between the mattress and box springs.

4. Spread some **CRAWLING INSECT CONTROL** diatomaceous earth bed bugs all over the room, working it into the carpets and corners of the room. You may have to remove the bottoms of furniture and dust some in them also. Put a large pile around each of the 4 legs - since bed bugs
cannot fly, the 4 legs are the only way the bedbugs can get to you. Repeat this once a week for 4
weeks.

5. You can also take off the outlet covers and using a plastic dispenser, like our pest pistol, puff
some DE into the walls. Bed Bugs love to live there and are the main way they spread from room
to room. Be very careful - use nothing that would conduct electricity and shock you.

6. Bed Bugs are usually no more than 1/4 inch in length in their adult state and can engorge
themselves with human blood in less than 15 minutes causing their bodies to fill to as much as
three times its usual size. Fully engorged bed bugs bear little resemblance to their original state
and are often thought to be a different insect altogether.

7. Bed bugs can lay between one and five eggs per day with an incubation period of 10 days in
warm weather (slightly longer when cool). These newly hatched bed bugs will require five
significant blood feedings to reach adult size. They will molt in between feedings by shedding
their exoskeleton. Once mature they will begin the process of laying new eggs.

8. Adult female bedbugs can lay more than 200 eggs during their lifetime and the new generation
of bed bugs will immediately seek a blood meal and they might be looking at you through hungry
compound eyes. When they are finished eating they leave tiny sores to remind you of their
midnight binge.

9. There are other types of bed bugs including the bat bug, the chimney swift bug, and the swallow
bug. All of these relatives survive on blood feeding, however these secondary parasites thrive on
either bats or birds as their primary victims.

10. Bed bugs feed on the blood of human beings, but can suck blood from other animals as well.
Birds and mice are the most common animals. Bed bugs most often feed at nighttime when
people are asleep. When they feed, they inject a salivary secretion into the wound to prevent
coagulation. The fluid can cause a person's skin to itch and even become swollen. Scratching can
cause sores which often become infected. Bed bugs are not known to transmit any human blood-
borne pathogens.

11. An adult bed bug is about 1/5-inch long, oval in shape and flat. They're generally brown except
after sucking blood. Their body then becomes swollen and the color changes to a dark red.

12. Bed bugs like to hide in the cracks and electrical outlets in walls, behind wallpaper, base boards
and picture frames, between beds and around the creases of mattresses and in bedding
materials. They have a rather pungent odor which is caused by an oil-like liquid they emit. Bed
bugs are often carried into houses by clothes, luggage, furniture, and bedding. Or sometimes
even by humans.

ship cabins include: folds and creases in bed linens, seams, tufts and under buttons on
mattresses, in drapery pleats and hems, beneath loose wallpaper, in headboards, desks,
entertainment centers and nightstands, behind base molding in wall-mounted artwork, etc.
Bed Bug Bites

The words "bed bugs" are enough to send most of us running with skin all aquiver at the thought of little blood-sucking creatures crawling all over us as we sleep. These little bugs are pests, to be sure, and they can be difficult to get rid of once they have decided to make your house their home, hiding during the daylight hours in cracks and crevasses where they are almost impossible to excise.

Because of this, you may not realize right away that bed bugs are the source of the annoying sores on your legs when you wake up in the mornings. Bed bugs are attracted by both warmth and the presence of carbon dioxide, which is what we exhale in breathing. The bugs climb up onto your skin and pierce you with two hollow tubes, one of which injects anti-coagulants and anesthetics. The other tube is used to withdraw your blood, feeding for about five minutes before returning to their hiding places.

There may be a cluster of bites instead of singular ones when you awake, and this is typically caused by disturbing the bugs while they feed, causing them to detach and return to feed momentarily. A well-fed bedbug can live anywhere from four to six months, while a dormant one might live without feeding for up to 18 months.

The bites can be found just about anywhere on your body, with exposed bits of skin being the preferred feeding ground for the bugs, making your face a target along with arms and legs. The bites cannot be felt at first, but as the anesthetics wear off and the skin begins to react to the injections, the bites can make themselves felt minutes or even hours after the bedbugs have returned to hiding.

If you have bedbugs, your infestation can get worse very quickly since a female bedbug can lay up to five eggs per day, and up to around 500 eggs in her lifetime. Since it takes only five weeks for hatched nymphs to grow to maturity, your problems could expand exponentially within a relatively short period of time, and infestations can be hard to control.

The History of Bed Bugs:

Bed bugs have been around for centuries. Documentation reaching as far back as the 17th century has told about infestations of bed bugs. In the United States, bed bugs were very common until about World War II. With the introduction of such pesticides as DDT, a great decrease in infestations occurred. It was not until the last decade that reported cases gave an indication of a possible rise in bed bug infestations.

 Authorities believe that the rise in reports can be attributed to the extermination tactics of pest control today. Today, many pest control experts use baiting tactics for in-home infestations of such things as ants,
roaches, and spiders. These baiting tactics work well for their intended subjects, but since bed bugs are blood feeders, they do not fall for the baiting tricks used. This change in exterminating technique has contributed to the rise in reported bed bug infestations.

Identifying a bed bug:

Adult bed bugs are generally flattened and reddish brown in color. They resemble apple seeds in appearance and size. Newly hatched nymphs look very much like adults. Although they are almost colorless, they gain their reddish-brown color as they mature. The adult bed bug may lay up to 5 eggs daily. These eggs are almost impossible for humans to see with the naked eye, and resemble a flake of dust on a dark surface.

A quick look at the facts:

Bed bugs are small bloodsucking insects that feed on humans and other warm-blooded animals. Bed Bugs often hide in mattresses but they can also survive in furniture, behind wall coverings and pictures/paintings. They will crawl and nest inside tiny crevices anywhere indoors, as long as there is a source of food (blood). While bed bugs do not transmit any pathogens or diseases, their bites usually result in swollen red, itchy welts. Bed bugs are typically nocturnal insects (they creep about at nighttime).

There are other types of bed bugs including the bat bug, the chimney swift bug and the swallow bug. All of these relatives survive on blood feeding. However, these secondary parasites thrive on either bats or birds as their primary victims.

Small reddish or brownish spots on one's linens are often the first sign of an infestation. These spots are the bed bug’s droppings. Another sign is swelling where you've been bitten.

Bed bugs are not necessarily a sign of unkempt/dirty homes or buildings.

A female bed bug can lay as many as 500 eggs during her lifetime.
Bed bugs are less than 1/4 inch in length, flat, and oval-shaped like; a bit like a sunflower seed.

Bed bugs can go up to a year without a blood meal.

A bed bug's saliva features an anesthetic to numb the pain as it's biting. It also contains anti-coagulant to keep the blood of its meal host flowing.

Furniture that is inspected should be inspected thoroughly. Remove "pull out" drawers and inspect any and all small creases and openings.

Taking apart furniture is often advised if you want to get at the source of the bed bug infestation. Doing this in a garage or outdoors is preferred, if possible.

The covering on the bottom of a box spring bed should be taken off for inspection and treatment measures. If the infestation is severe, you may want to dispose of the mattress.

Bed bugs are many times also found underneath the edges of carpets, where ceilings and walls meet, behind light switch covers and outlets, in clothes, inside appliances, and behind baseboards and carpet stays.

**Itching:**

There are a number of things you can do to stop the itching.

1. Apply a calamine lotion to each bed bug bite or area of bites.
2. Do not scratch the bed bug bites. Everyone will react differently to bed bug bites. Some people may not even notice them. Others will have a very intense itching sensation. Scratching only makes the itching worse and can actually cause an infection.

**Bed bug dangers:**

When a bed bug bites, it injects an anti-blood clotting chemical into the skin. Some people may actually be allergic to bed bugs, and the degree of itching is determined by how allergic a person is. If you notice any signs of infection, call your physician IMMEDIATELY. Scratching the bites can also result in an infection. If you do not get an infection, the bites are simply an irritating nuisance. It may take a few weeks for the itching to subside and for the welts to disappear. **BED BUGS DO NOT CARRY PATHOGENS** as mosquitoes or ticks do!

**Diatomaceous Earth FAQ:**


**PERMA-GUARD CRAWLING INSECT CONTROL---EPA REGISTERED AND APPROVED!**

**EPA REG. NO. 73729-1-67197  EPA ESTABLISHMENT NO. 67197-UT-001**
Here are some of the testimonials we have received:

**Sleeping better after DE**

I was awaken during the night to my little dog (who sleeps in the bed with me) being agitated and not sleeping as normal. I turned the light on to inspect him to see if he may have a tick or flea. To my amazement I saw which appeared to be fettuccine noodles wiggling from his back side. I almost cried. I had never seen this before. I immediately got on the internet to find out what these were and how to eliminate them! I ordered D.E. and kept him (AND ME) on it for 30 days. His coat is shiny, his eyes gleam, he has so much more energy. I feel and sleep better and my lower back pain has disappeared. I will never stop telling people about D.E. or stop giving this to my pets! You can spend $thousands on conventional wormers and drugs and this natural product not only helps everyone - It does not hurt or have side effect of ill nature! Thank you!!

Marie, North Carolina

**Works great on German Shepherds**

We got our 9 week old puppy in May, 07. For the next 9 months we fought a constant battle with intestinal roundworms. Over-the-counter & veterinary treatments helped for a couple of weeks, then she would be infested again. I searched the web for worm treatments when I found your website in February, 08.

I put 1.5 level tablespoons in her food twice daily. The next day after the first treatment she passed a huge number of worms. She passed worms for the next 3 days. After the fourth day there were no more worms in her stool. Her stool was no longer wet & soupy but solid & firm.

8 months later she is still worm free. I put DE in her food & water occasionally now, not every day. Your product has eliminated intestinal parasites from her life. Every vet should know about your product.

Thanks from Mike Love, Joe & Belle.

**Bed Bugs are GONE!!**

Bed Bugs GONE!!! Thank heavens! The first time I saw a bed bug, my son had slept over at a friend's house and when he came home, he threw his overnight bag in front of my washing machine as I was throwing in a load. I took some of his clothes out of the bag and a bug fell out onto the floor of our laundry room. I thought it was a tick. I squashed it and didn't think any more about it. A couple of weeks later, he started to itch every time he was in bed. I thought maybe he was allergic to the detergent I was using so I switched. I started using a dye free, fragrance free detergent. It only got worse. I started noticing the bumps on his skin and because we have 2 cats, I thought maybe we may had fleas. I then went out and got Frontline Plus for the cats and I got some flea bombs for the house. Still even more bumps and now my other children, in an adjacent room started to get the same bites. My cousin was visiting one day, and she had a bedbug infestation in the past. She was laying on my son's bed and she saw a bedbug! I lost it!! I'm not a dirty person and keep a very clean and organized home!! She showed me the bug and it hit me!! It was a bedbug that fell onto the laundry room floor that day!! Light bulb moment!! I knew where they came from. I called my son's friend's house and
talked to his mother who told me that she is losing her mind trying EVERYTHING to get rid of them but nothing has worked! I immediately went online and saw that Crawling Insect Control Diatomaceous earth was a good way to get rid of them. I went to the hardware store and got some from there but it was not food grade and it had other pesticides mixed in as well but I needed to do something TODAY!! I ordered a bag and it was on its way but I could NOT wait for it to come and just feed my kids to the bugs in the meantime. I put it EVERYWHERE! used a make up brush to work it in to the rugs and small cracks and crevices. I took all light switch and socket covers off and used a straw to blow the powder into the walls. It didn’t seem to work well at all. I even conducted experiments to see if it killed them at all. I put 3-4 bedbugs in a plastic cup and put some In the cup w them. It took several days for them to die. Finally the product from EARTHWORKS arrived. Because it was safer for my children, I didnt have to be afraid that they would put it in their mouths. I just had to make sure that they were not breathing it in. I vacuumed up the old and repeated putting the powder in the walls, along all the walls where they meet the floor, dusted around the one bed that I kept, dusted the mattress, box spring, rugs, sofas, furniture, cracks, crevices, closets, stairs, & attic. In about a week they were totally gone!! It's been about 6 weeks since I've seen a bedbug. I do still keep putting the dust down weekly after vacuuming to prevent the little vampires from coming back from what I understand, they can go dormant for about 18 months w out a meal. I think even after THAT, I will still use it to protect my home from getting re-infested. I was sooo worried that it was going to cost me thousands to get rid of them. All I needed was EARTHWORKS!! Don't get it from anywhere else because EARTHWORKS is the best!!! It's also the least expensive, believe it or not. It also works on fleas, beetles, cockroaches, ants, & any other insect with an exoskeleton. (A hard shell on the outside of their body). So in a nutshell, if you suspect you have bedbugs, order from EARTHWORKS!! It really works!

Scabbies Gone!

I contacted scabbies somehow somewhere and still do not know either! However the cream for $90.00 that the doctor gave me did nothing!!!!I began to research scabbies and after hours of sitting infront of my computer crazed because the scabbies were crawling under the skin of my eye lids and under the skin of my hands, not to mention all over my back and chest, I saw "STOP SUFFERING WITH SCABIES" and wound up on your website which to me was a miracle because I am only comp. friendly and I was ready for a looney bin. Through my tears I began reading about how Crawling insect control DE would get rid of these bugsies! I mixed it as instructed with 25% DE and 75% grapeseed oil and put it in a spray bottle. I rubbed it into every part of my body three times a day for three weeks and "THEY WERE GONE" I also treated my home with a mixture of 25% powder and 75% windex and sprayed my rugs, furniture, car and bed. I put the power in a salt shaker and gently shook it onto my box spring, mattress, and between my sheets and between the pillows and pillowcases. I also shook it all over my house and I can tell you that my house and bed and skin is SCABBIES FREE. I want to share this story because I know that there are other people desperate for help. I want to stress that it is very important to treat the home environment and wash all articles in very hot water. Store anything that is not washable in the machine in vacuum bags for three weeks. DO YOURSELF A FAVOR PEOPLE. READ WHAT OTHERS HAVE EXPERIENCED WITH THIS DE SO YOU CAN BENEFIT TOO.