

Celatom®

AFA

Animal Feed Additive

**A
N
I
M
A
L

F
E
E
D

A
D
D
I
T
I
V
E**

With all the chemicals given to livestock today, isn't it time we gave them something that is safe for them, us, and the environment?

Celatom® AFA is a CODEX Food-Grade biomineral product composed of microscopic diatoms from ancient lake beds. This natural diatomaceous earth (DE) is made of amorphous silica in complex lacy shapes, which have a high absorption capacity and make AFA an ideal product for anti-caking, insecticide, and feed supplement applications in grain and animal feed storage. AFA is non-toxic and safe for the environment.

The benefits of DE as a non-toxic natural insecticide for grain storage, garden, and animal use are well-established in practice. As an animal feed

supplement, natural DE powders have been used by farmers for centuries. With the increasing popularity of organic and sustainable farming methods, more and more livestock and pet owners are re-discovering the natural benefits of DE. Many livestock and pet owners that have used AFA over the long term tell us they have experienced:

- Control of fleas and ticks
- Elimination and prevention of worms and internal parasites without chemicals
- Enhanced metabolism
- Improved feed efficiency
 - More weight gain per lb. of feed
- Improved coat and hoof condition
- Reduced odor and moisture in barns and stalls
- Fewer flies due to preventing fly larvae from developing in manure
- Reduced annual vet bills
- Reduced overall animal stress



Ep Minerals®
AN EAGLEPICHER COMPANY

Tel (800) 366-7607 • Fax (775) 824-7694
inquiry.minerals@eaglepicher.com
www.epminerals.com

Distributed By:

RiMAX Bio
Economic Organic Solutions

Denton, Texas
info@RiMAXBio.com * www.RiMAXBio.com
940-453-7074



What is in AFA?

Diatomaceous earth consists of millions of diatoms that are made of silica. As a naturally occurring biomineral, AFA contains many trace nutrients such as iron, calcium, magnesium, and others that may be beneficial in the animal's diet.

Is AFA safe?

Absolutely. Natural food-grade diatomaceous earth products such as AFA are approved by the Food and Drug Administration (FDA) as an additive and anti-caking agent for animal feeds and stored grain, at up to 2% in the feed formulation

What is CODEX or "Food-Grade" Diatomaceous Earth

For DE to be called "Codex" or "Food-Grade", it must meet the following requirements

ITEM	REQUIREMENT	AFA TYPICAL VALUE
Arsenic (ppm)	20 ppm max	5 ppm
Lead (ppm)	15 ppm max	5 ppm
Crystalline Silica	Less than 1%	0.1%
Loss on Drying %	10% max	0.5%
Loss on Ignition	7% max on dry basis	5.0%

How much AFA should I feed?

Feed 1% to 2% of the weight of the regular feed rations over several weeks for noticeable results. More will not be harmful.



WARNING: Not all DE is safe for animal feed!

AFA is made from a special grade of diatomite ore which is low in arsenic and other harmful elements. Some other grades have too much arsenic to be safe for use in animal feeds, and are NOT CODEX food grade. Calcined DE grades designed for swimming pool filters are not recommended for animal feed and do not meet the criteria for organic registration.

AFA is a natural fine powder which is safe, non-crystalline silica, and moves easily through the digestive tract. Also diatomaceous earth that is used as an insecticide must be below fifteen microns in size to be effective. DE products with larger particle sizes are not recommended for feed or insecticide use.

Good rules to follow when buying diatomaceous earth

- Obtain the MSDS (Material Safety Data Sheet)
- Is it Fresh Water Diatomaceous Earth or Salt Water (Marine) Diatomaceous Earth?
 - The particle sizes and effectiveness can be very different - Fresh water is preferred.
- What is the crystalline silica content?
- What is the micron size?
- Is it CODEX food grade?

