## The Scoop on

# What is Red Lake Diatomaceous Earth?





**Red Lake Earth**® is composed of a natural blend of Food Chemical Codex Grade Diatomaceous Earth and Calcium Bentonite (Montmorillonite). Diatomaceous Earth (DE) is fossilized exoskeletons of microscopic freshwater algae known as Diatoms.

#### **ANTI-CAKING AGENTS**

Anti-caking agents are added to grain, feed, and supplements to absorb moisture that can otherwise lead to clumping and caking. **Red Lake Earth**<sup>®</sup> keeps things dry, and so improves flowability while creating an unfavorable environment for mold and bacterial growth.

#### TWO TYPES OF DE

**Natural DE (Non-Calcined)** is prepared by drying at a low heat to prevent organic components from being lost. The delicate structural integrity of the diatoms is preserved by this careful process. The naturally occurring amorphous silica remains in its natural state and contains less than 1% crystalline silica.

**Filter/Pool Grade DE (Calcined)** is treated at a high heat causing the natural amorphous silica in the DE to turn into crystalline silica. Crystalline silica can be dangerous when inhaled or ingested. Calcined products may contain up to 70% crystalline silica.



Diatoms



Red Lake Earth<sup>®</sup> is for use in feeds as an anticaking agent or pelleting aid for further manufacturing in feed, in an amount not to exceed two percent of the total diet.



OMRI LISTED

OMRI<sup>®</sup> the Organic Materials Review Institute evaluates input materials to see what products are allowed for use in organic production. Farmers or operations that are certified organic use OMRI® listed products. These particular Diatoms known as Melosira Granulata are approximately 12 to 13 million years old.

#### FCC GRADE

To be considered Food Chemical Codex Grade, DE must meet a variety of requirements including very low levels of heavy metals like Arsenic and Lead; Red Lake Earth® satisfies all aspects of the Food Chemical Codex Grade designation.



# THE DE YOU KNOW AND TRUST

The following formula can help you determine how much Red Lake Earth<sup>®</sup> to mix into feed.

10 lb feed x 16 oz = 160 oz 160 oz x 2% (0.02) = 3.2 oz

Mix in 3.2 oz of **Red Lake Dlatomaceous Earth**<sup>®</sup> to every 10 lbs of Animal Feed





### **Red Lake Diatomaceous Earth®**

- Natural DE, Non-Calcined
- Meets Food Chemical Codex Grade specifications
- OMRI<sup>®</sup> Listed
- $\cdot$  Safe to use in all organic applications

#### $Poultry \cdot Dairy \cdot Swine \cdot Cattle \cdot Equine \cdot Ratite \cdot Goats \cdot Sheep \cdot Bison$

Red Lake Earth<sup>®</sup> is OMRI<sup>®</sup> Listed, all natural and safe for large & small animals.



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