



People in the U.S. are just beginning to realize the magnificent potential of the diatomite mineral. Applications for DE are numerous and the Moltan Company has become a leader in different industries due to their engineering and manufacturing capabilities. The Moltan Company is continually working on DE applications in industrial, turf, automotive, and commercial industries.

Diatomite is a 100% natural earthen product. Over a million years ago, countless minute one-celled plants called diatoms existed in the oceans. They constructed tiny shells around themselves out of the silica extracted from the waters. When the diatoms died, their microscopic shells were deposited on the floor of the oceans. Through the centuries these shells eventually collected into deposits, sometimes thousands of feet thick. As the waters receded over time, the deposits were eventually covered and the shells fossilized and compressed, which turned into a soft chalk-like rock called diatomite, also known as Diatomaceous Earth or DE.

When diatomaceous earth is quarried, milled, finely ground, heated, and passed through a screen, it becomes a porous granular product. This is a porous product with microscopic openings, and when magnified, looks like tiny sponges. Clear water can pass through these openings; but particles, as small as one to three microns, are trapped during the first pass through the media. This product can be safely handled with bare hands. Diatomaceous earth is a non-toxic, inert material containing useful minerals such as manganese, magnesium, iron, titanium, calcium, and silicon.

Benefits of Diatomaceous Earth

- DE is a more efficient absorbent than clay; 25 pounds of DE absorbs more oil or water than 40 pounds of clay.
- Smaller DE packages help prevent back injuries due to lifting heavier bags.
- Better dollar-for-dollar value (less waste & less product needed).
- DE has significantly less silica per pound vs. clay products.
- Higher profits per bag vs. clay products.
- Lower waste disposal costs.
- Less required storage space.
- Lower freight costs per bag.



All Natural Products

Diatomaceous earth (DE) is an all-purpose, easy-to-use absorbent for tackling troublesome industrial spills.