

## Performance Aggregates

High Quality Diatomaceous Earth & Montmorillonite Clay Products



From the automotive industry to landscaping, to golf and sportsfield, to farm and ranch, EP Minerals' diatomaceous earth and clay products are the recognized natural mineral solutions for hundreds of industries and applications. Field-proven industrial absorbents and unique home, farm and ranch products that are economical and efficient.

## About our Diatomaceous Earth

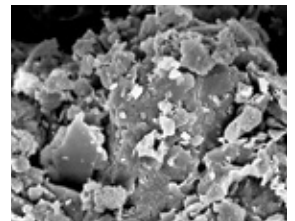
EP Minerals' Celatom® DE deposits consist exclusively of freshwater diatoms with up to 98% of the *Melosira Granulata* species. What does that mean to you? This rare type of DE is cylindrical in shape, and the high pore volume of these diatoms provide high mechanical strength, natural filtration and absorption capabilities. Our unique DE, combined with EP Minerals amazing customer service and technical expertise, are the reasons that so many customers choose EP Minerals over and over again.



What is diatomaceous earth? DE, or diatomite, is the naturally occurring fossilized remains of diatoms, single-celled plant life. Our high quality, high purity DE deposits are known for their low density, high porosity, high surface area, abrasiveness, absorptive capacity and brightness.

## About our Clay

Our Montmorillonite clay is mined from deposits of calcium bentonite (Fuller's earth) found in Tennessee. These "books" of clay platelets are bound together by calcium ions. Montmorillonite clay is thermally processed to produce granular products used as absorbents and carriers in a wide variety of applications including industrial, automotive, sports turf, baseball infields, agricultural and as functional additives for fertilizer blends, soil amendments and animal feed.



What is Montmorillonite clay? Montmorillonite is a very soft mineral named after Montmorillon, France, where it was first discovered. Montmorillonite, a member of the Smectite family, is a 2:1 clay, meaning that it has 2 tetrahedral sheets sandwiching a central octahedral sheet. Montmorillonite swells with the addition of water and expands considerably more than other clays due to water penetrating the interlayer molecular spaces. Montmorillonite clay can swell to several times its original volume, making it the perfect mineral for absorption.



## Our Commitment to Quality

At EP Minerals, our mission is to consistently produce the highest quality products in the industrial minerals industry. Quality is an integral part of how we work and what we do. We have an entire team dedicated to quality, working with our Research & Development team, and directly with our plants to continually test our incoming ores and finished products. Today, EP Minerals produces and ships our high quality, high performance DE, clay and perlite products worldwide.

## Sustainability

We don't just believe in being a good company to work for and a good corporate citizen in the communities where we live and operate. We also believe in being a good environmental steward in how we conduct our business. As important to us as our customers and our employees is our commitment to the sustainability of our operations around the world. Here are five ways that highlight that commitment:

- Our Research & Development team is committed to improving our products and developing new ones.
- We have developed an EP Naturals™ line of organic, sustainable products.
- We are investing in our manufacturing plants and equipment to improve efficiency, quality and reliability.
- We are committed to giving back in the communities where we live and operate.
- We have long term reclamation plans and wildlife programs in place where we mine.

If you'd like to know more about how we can help you with recycling our minerals after use, please let your salesperson know.



## Testimonials

### BallGame Changer can reduce infield water usage by 40-50%

*"Our field remained moist for a longer period of time, and we are using less water! The field looks great and is easy to work with."*

-Cesar Carbajal, Team Leader, USC Baseball

*"BallGame Changer is awesome."*

-Marty Wallace, Jackson General's (Double A Affiliate of the Seattle Mariners)

### Cat lovers love Blue Ribbon cat litter

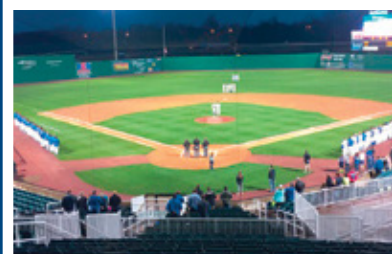
*"It is the best cat litter by far that I have ever tried. I had ten cats at one time, down to three now, and never ever had to worry about litter odor or problems of any kind with a cat box. Your product is awesome!"*

-Jan Daniels, Colorado Springs, CO

### Floor-Dry works fast to save Napa Auto Parts store

Quick! 12,000 gallons of water per minute are headed toward your store. There's a broken water main right behind your business, and the water is traveling fast. What are you going to do? Well, in the case of Napa Auto Parts store owner Dane Medich, he had the answer in his store - Floor Dry!

*"Floor Dry saved my building from the flood."*



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AG7725  
AG7825  
AG7925



7887  
7888  
7889



DESECT50



## AgReady™ DE & Clay Fertilizer Carrier & Drying Agents

AgReady granular diatomaceous earth (DE) and AgReady Clay are effective drying agents and fertilizer carriers. Easy to use with dry or liquid agriculture blends. AgReady improves moisture absorption and product flow. Its low density makes it “ready to use” in your blends today.

Product	Part #	Bag	Size	Pallet configuration	Plant
<b>AgReady DE/MP 77/78/79 (Numbers reflect mesh sizing for product.)</b>					
AgReady 77	AG7725	Poly	25 lb	80 bags/pallet	Clark
AgReady 77	AG771000	Bulk	1000 lb	2/pallet	Clark
AgReady 78	AG7825	Poly	25 lb	80 bags/pallet	Clark
AgReady 78	AG781000	Bulk	1000 lb	2/pallet	Clark
AgReady 79	AG7925	Poly	25 lb	80 bags/pallet	Clark
AgReady 79	AG791000	Bulk	1000 lb	2/pallet	Clark
<b>AgReady Clay/MP 87/88/89 (Numbers reflect mesh sizing for product.)</b>					
AgReady 87	7887	Poly	50 lb	40 bags/pallet	Middleton
AgReady 87	7987	Bulk	2000 lb	1/pallet	Middleton
AgReady 88	7888	Poly	50 lb	40 bags/pallet	Middleton
AgReady 88	7988	Bulk	2000 lb	1/pallet	Middleton
AgReady 89	7889	Poly	50 lb	40 bags/pallet	Middleton
AgReady 89	7989	Bulk	2000 lb	1/pallet	Middleton

## DEsect® Diatomaceous Earth Insecticide, DE

DEsect is an insecticide produced from a special grade of fresh-water diatomaceous earth (DE) and is a highly effective insect control solution. DEsect is registered as a pesticide by the US EPA, and can be used in commercial farming, on crops and around food processing areas. DEsect is available as an all around insecticide, and also in jugs for specific uses: DEsect LP (Livestock & Poultry), DEsect HG (Home & Garden) and DEsect Pet.

Product	Part #	Bag	Size	Pallet configuration	Plant
DEsect	DESECT50	Paper	50 lb	39 bags/pallet	Clark
DEsect	DESECT1000	Bulk	1000 lb	2/pallet	Clark
DEsect Pet	DESPETBOTTLE	Bottle	5.5 oz		Clark
DEsect HG	DESHGPOLY	Poly	3.25 lb		Clark

Product through ProTerra	Bag	Size	Pallet configuration	Plant
DEsect LP, DEsect HG & DEsect Pet	Jug	2 lb	9 jugs/box, 36 boxes/pallet	Clark

Please order through ProTerra, our online distributor for small packages.

Minimum Order: 1 Pallet

Note: Boxes may not be mixed, but an assortment of boxes may be mixed on a pallet.



AFA33PW  
AFA39PW

## NaturalDE™ Animal Feed Additive (AFA), DE

Our natural, US Food Chemicals Codex grade diatomaceous earth (DE) powder, NaturalDE Animal Feed Additive (AFA), is made of amorphous silica with a high absorption capacity. It is 100% all natural DE and is an animal friendly product. For use as an inert carrier or anti-caking agent in animal feeds in an amount not to exceed 2 percent by weight of the total ration. For further manufacture of feed.

Product	Part #	Bag	Size	Pallet configuration	Plant
NaturalDE AFA	AFA33PW	Paper	50 lb	33 bags/pallet	Clark
NaturalDE AFA	AFA39PW	Paper	50 lb	39 bags/pallet	Clark
NaturalDE AFA	AFA1000	Bulk	1000 lb	2/pallet	Clark



3425

3408



4620

4504

## Blue Ribbon™ Clay & DE Premium Cat Litter

Blue Ribbon Premium Cat Litter is a traditional clay cat litter made from montmorillonite clay minerals to absorb moisture and neutralize odors. Blue Ribbon D.E. (diatomaceous earth) Premium Cat Litter is a light weight, highly absorbent product able to absorb 1 ½ times its weight in moisture.

Product	Part #	Bag	Size	Pallet configuration	Plant
<b>Blue Ribbon Premium Cat Litter</b>					
Blue Ribbon Clay	3408	Paper	8 lb	240 bags/pallet	Middleton
Blue Ribbon Clay	3425	Poly	25 lb	77 bags/pallet	Middleton
<b>Blue Ribbon D.E. Premium Cat Litter</b>					
Blue Ribbon D.E.	4504-192	Paper	4.5 lb	192 bags pallet	Fernley
Blue Ribbon D.E.	4504-384	Paper	4.5 lb	384 bags pallet	Fernley
Blue Ribbon D.E.	4620	Poly	20 lb	95 bags pallet	Fernley



## Trotter™, DE

EP Minerals manufactures a special granular absorbent grade of diatomaceous earth (DE) called Trotter™ for outstanding dust and moisture control for equine arena footings and horse stalls.

Product	Part #	Bag	Size	Pallet configuration	Plant
Trotter	TROTTER1000	Bulk	1000 lb	2/pallet	Clark

## AxisDE® & Axis Ceramic® Premium Soil Amendments

AxisDE diatomaceous earth products and Axis Ceramic clay products are premium soil amendments designed to reduce water usage, improve drainage, reduce soil compaction and improve plant health.



AXF25



AXR25



7004

Product	Part #	Bag	Size	Pallet configuration	Plant
<b>AxisDE</b>					
AxisDE Fine	AXF25	Poly	25 lb	80 bags/pallet	Clark
AxisDE Fine	AXF1000	Bulk	1000 lb	2/pallet	Clark
AxisDE Regular	AXR25	Poly	25 lb	80 bags/pallet	Clark
AxisDE Regular	AXR1000	Bulk	1000 lb	2/pallet	Clark
AxisDE Coarse	AXC1000	Bulk	1000 lb	2/pallet	Clark
<b>Axis Ceramic</b>					
Axis Ceramic	7004-40	Poly	50 lb	40 bags/pallet	Middleton
Axis Ceramic	7002	Bulk	2000 lb	1/pallet	Middleton

## BallGame Changer™ Infield Conditioner, Clay

Meet the new patented infield conditioner designed to last longer, reduce dust and water usage, stay beautiful baseball red and provide better, safer playability – all using 50% less product than you use today. BallGame Changer is treated with KT3®, a surface technology that changes how the product interacts with water. Fields stay softer, better looking and more stable for better traction. Keeps your infield moist, but not muddy. Gives you improved playability and reduces maintenance.



7008

Product	Part #	Bag	Size	Pallet configuration	Plant
BallGame Changer	7008	Poly	50 lb	40 bags/pallet	Middleton
BallGame Changer	7009	Bulk	1000 lb	1/pallet	Middleton

## Fair Ball™ Infield Conditioner, Clay

An economical clay infield conditioner designed for municipal and school baseball and softball fields. This professionally sized conditioner reduces compaction, manages moisture and improves surface safety.



7016

Product	Part #	Bag	Size	Pallet configuration	Plant
Fair Ball Conditioner	7016-40	Poly	50 lb	40 bags/pallet	Middleton



7010

## Play Ball!® Infield Conditioner, Clay

Our 100% clay standard infield conditioner is designed to provide superior surface performance along with moisture management. Play Ball! Infield Conditioner assists in proper field drainage, reduces compaction, provides permanent porosity and enhances surface playability, field appearance, and safety. Play Ball! absorbs up to twice as much water by weight as most other conditioners.

Product	Part #	Bag	Size	Pallet configuration	Plant
Play Ball! Conditioner	7010	Poly	50 lb	40 bags/pallet	Middleton
Play Ball! Conditioner	7010BT	Bulk	1000 lb	1/pallet	Middleton



7011

## Play Ball!® Drying Agent, Clay

Our 100% clay Play Ball! Drying Agent can be used to absorb excess moisture of any turf area, infield-skinned surfaces, mound and home plate areas, and warning tracks. The drying agent's professional sized gradation provides the durability and absorption to reduce rain delays and eliminate rainouts.

Product	Part #	Bag	Size	Pallet configuration	Plant
Play Ball! Drying Agent	7011	Poly	50 lb	40 bags/pallet	Middleton



7012

## Play Ball!® Mound Clay

Play Ball! Mound Clay is the right solution for your pitcher's mound or batter's box because it provides your players with the best possible foundation to play. Designed for use in high wear areas, Play Ball! Mound Clay is a high density beautiful red clay that's easy to mold and use, right out of the bag.

Product	Part #	Bag	Size	Pallet configuration	Plant
Play Ball! Mound Clay	7012	Poly	50 lb	40 bags/pallet	Middleton





9805



9815



24 qt



25 lb

## Floor-Dry™, DE

100% diatomaceous earth (DE) Floor-Dry brand absorbent is highly purified and kiln-fired for superior absorbent qualities. Used in high traffic areas requiring continuous, superior absorption and additional safety features. Medium granulation and USDA Approved in Food Processing Plants.

Product	Part #	Bag	Size	Pallet configuration	Plant
Floor-Dry	9805-384	Paper	5 lb	6x5 Bale/384 bags/pallet	Fernley
Floor-Dry	9815-133	Poly	15 lb	133 bags/pallet	Fernley
Floor-Dry	Varies	Poly	24 qt	75 bags/pallet	Fernley & Clark
Floor-Dry	Varies	Poly	25 lb	80 bags/pallet	Fernley & Clark
Floor-Dry	FD851000	Bulk	1000 lb	2/pallet	Clark

## Solid-a-Sorb®, DE

With its lower density and finer granulation, Solid-a-Sorb offers fast-acting absorption and is easily swept up and disposed of. It provides a safe and reliable option for cleaning liquid spills and is ideally suited for your waste remediation needs.



25 lb

Product	Part #	Bag	Size	Pallet configuration	Plant
Solid-a-Sorb	Varies	Poly	25 lb	80 bags/pallet	Fernley & Clark
Solid-a-Sorb	8878	Bulk	2000 lb	1/pallet	Fernley

## OptiSorb®, DE

OptiSorb premium oil absorbent is an all-purpose industrial grade diatomaceous earth (DE) absorbent designed for the quick clean up of water, oil and grease. OptiSorb is a large granular product that quickly and easily soaks up messy spills and is designed for optimum oil absorbency.



8926



8925

Product	Part #	Bag	Size	Pallet configuration	Plant
OptiSorb	8926-45	Paper	25 lb	45 bags/pallet	Fernley
OptiSorb	8925-80	Poly	25 lb	80 bags/pallet	Fernley
OptiSorb	8900	Bulk	2000 lb	1/pallet	Fernley



8834

## Oil Absorbent DE

Oil Absorbent DE is a light weight, all-purpose absorbent designed for the quick clean up of water, oil and grease. Made from Diatomaceous Earth (DE), a naturally occurring mineral with superior absorptive ability.

Product	Part #	Bag	Size	Pallet configuration	Plant
Oil Absorbent DE	8834	Poly	25 lb	80 bags/pallet	Fernley



## Drill-n-Dry™, DE

The all-natural, economical choice for drilling fluid solidification. Drill-n-Dry is a highly porous amorphous silica with unique properties, making it an efficient absorbent commonly used for oil and water cleanups, spills and other environmental remediation.

Product	Part #	Bag	Size	Pallet configuration	Plant
Drill-n-Dry	DNDC50	Paper	50 lb	36 bags/pallet	Clark
Drill-n-Dry	DNDBT	Bulk	1000 lb	Bulk truck	Clark
Drill-n-Dry	DNDBH	Bulk	1000 lb	Bulk hopper car	Clark



8150

7133

## Oil Absorbent, Clay

Oil Absorbent is an all-purpose absorbent designed for the quick clean up of water, oil and grease and made from Montmorillonite Clay, a naturally occurring mineral with superior absorptive ability.

Product	Part #	Bag	Size	Pallet configuration	Plant
Oil Absorbent Clay	7133	Poly	33 lb	60 bags pallet	Middleton
Oil Absorbent Clay	8150	Paper	50 lb	40 bags pallet	Middleton



8440

## Thrifty-Sorb®, Clay

Thrifty-Sorb is the #1 automotive industry choice for oil cleanup. Its larger, coarse granulars offer less breakdown and better traction in areas where spills have been absorbed. Suitable for both commercial and home environments, and versatile for all non-aggressive fluid cleanup.

Product	Part #	Bag	Size	Pallet configuration	Plant
Thrifty-Sorb	8440-50	Poly	40 lb	50 bags/pallet	Middleton



7840

### M.A.X.-DRI™, Clay

M.A.X.-DRI is a premium calcined clay all-purpose absorbent designed for the quick clean up of water, oil and grease. M.A.X.-DRI consists of blended sizes of granulation and is made from Montmorillonite Clay, a naturally occurring mineral with superior absorptive ability.

Product	Part #	Bag	Size	Pallet configuration	Plant
M.A.X.-DRI	7840	Poly	40 lb	50 bags/pallet	Middleton



7508



7941



7951

### Safety Absorbent™ & Safe T Sorb™, Clay

Safety Absorbent & Safe T Sorb are premium coarse grade calcined clay all-purpose absorbents designed for the quick clean up of water, oil and grease. These products are designed for industrial oil and chemical clean up.

Product	Part #	Bag	Size	Pallet configuration	Plant
Safety Absorbent	7508-160	Paper	8 lb	160 bags/pallet	Middleton
Safety Absorbent	7508-240	Paper	8 lb	240 bags/pallet	Middleton
Safety Absorbent	7200	Bulk	2000 lb	1/pallet	Middleton
Safe T Sorb	7941	Poly	40 lb	50 bags/pallet	Middleton
Safe T Sorb	7951	Poly	50 lb	40 bags/pallet	Middleton



7125

### Traction Pro, Clay

Traction Pro is the newest all season calcined clay traction aid. It's an all-weather performance product designed for mud, snow or ice. Embeds into the ice and continues to work, even with constant thaw and refreezing. Sandpaper-like traction grip. Environmentally friendly. Will not harm pets, livestock, plants, trees or grass.

Product	Part #	Bag	Size	Pallet configuration	Plant
Traction Pro	7125-77	Poly	25 lb	77 bags/pallet	Middleton
Traction Pro	7126	Bulk	2000 lb	1/pallet	Middleton

## Manufacturing Plants

