



**AEROBENT MINECHEM PRIVATE LIMITED**



# COMPANY PROFILE

Leading Bentonite  
Manufacturers &  
Global Exporters

more info

[www.aerobentminechem.com](http://www.aerobentminechem.com)

call us

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# About Us

Bentonite Manufacturers | Exporters | Suppliers

Leading Bentonite Manufacturers & Global Exporters

We are one of the trusted Bentonite manufacturers, exporters, and suppliers, delivering premium-grade bentonite products for drilling, foundry, construction, agriculture, and industrial applications. With advanced processing facilities and strict quality control, we ensure consistent performance and global standards compliance



High-Quality Industrial & Drilling Grade Bentonite

Bulk Supply & Global Export Network

Customized Solutions for Multiple Industries





## DELIVERING PREMIUM BENTONITE SOLUTIONS WORLDWIDE

### SUPERIOR QUALITY PRODUCTS



We supply high-grade bentonite processed with advanced technology, ensuring consistency, purity, and performance for multiple industries.



### RELIABLE CUSTOMER SUPPORT



Our dedicated team provides quick assistance, technical guidance, and timely delivery to support your business needs efficiently.

Get  
In Touch

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# OUR PRODUCTS



**Bentonite Powder**

Bentonite Powder is a naturally occurring clay composed primarily of montmorillonite, known for its excellent swelling, binding, and absorption properties. Our high-grade bentonite is processed using advanced technology to ensure superior purity, consistent particle size, and reliable performance across various industrial applications.

Sodium Bentonite is a highly swelling natural clay known for its exceptional water absorption and sealing properties. It expands significantly when mixed with water, forming a strong, low-permeability gel that makes it ideal for industrial and engineering applications. Our premium-grade Sodium Bentonite is processed under strict quality standards to ensure consistent performance and high purity levels.

It is widely used in drilling fluids, civil engineering, piling work, waterproofing, and environmental protection projects



**Sodium Bentonite**



**Calcium Bentonite**

Calcium Bentonite is a naturally occurring absorbent clay formed from volcanic ash, primarily composed of montmorillonite. Known for its moderate swelling capacity and high plasticity, Calcium Bentonite offers excellent binding, sealing, and absorption properties. Our premium-grade calcium bentonite is carefully processed to maintain optimal moisture balance, fine particle size, and consistent quality for industrial applications.

Oil Well Drilling Bentonite is a high-performance grade sodium bentonite specially formulated for oil and gas drilling operations. It is widely used in drilling fluids (mud systems) to provide viscosity, lubrication, and effective cuttings suspension during deep well drilling processes.

Our premium drilling bentonite ensures excellent rheological properties, high swelling capacity, and superior filtration control. It helps in stabilizing boreholes, preventing formation collapse, and improving overall drilling efficiency.



**Oil Drilling Bentonite**

# OUR PRODUCTS



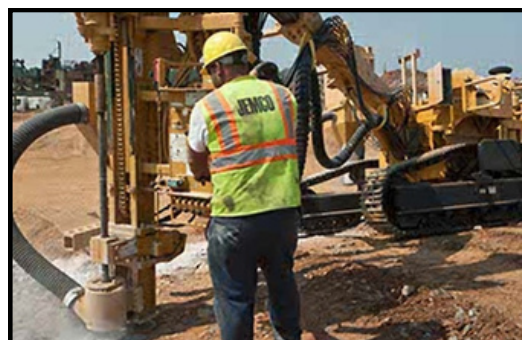
**Drilling Bentonite**

**Drilling Bentonite is a high-quality sodium-based bentonite specially processed for water well drilling, oil & gas exploration, piling, and horizontal directional drilling (HDD) applications. It is widely used in drilling fluid systems to provide superior viscosity, lubrication, and borehole stabilization.**

**Our drilling grade bentonite offers excellent swelling capacity, strong gel formation, and effective cuttings suspension. It helps prevent borehole collapse, reduces fluid loss, and improves drilling efficiency even under challenging soil and geological conditions.**

**Piling Bentonite is a specially processed sodium bentonite designed for use in bored piling and foundation construction projects. It is widely used to prepare drilling slurry that supports excavation walls, prevents collapse, and ensures smooth pile formation during construction.**

**Our high-performance piling grade bentonite delivers excellent viscosity, strong suspension capacity, and effective filtration control. It forms a stable and impermeable filter cake along borehole walls, maintaining structural integrity even in challenging soil conditions**



**Piling Bentonite**



**HDD Bentonite**

**HDD Bentonite is a premium-grade sodium bentonite specially developed for Horizontal Directional Drilling (HDD) applications. It is widely used in trenchless construction projects for pipelines, cable laying, telecom ducts, and utility installations.**

**Our HDD grade bentonite provides superior viscosity, excellent suspension capacity, and outstanding borehole stability.**

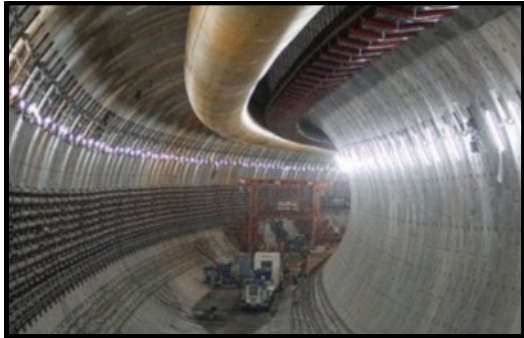
**API Bentonite is a premium sodium bentonite manufactured in accordance with API (American Petroleum Institute) standards for oil and gas drilling applications. It is specially processed to meet stringent requirements for viscosity, yield, and filtration control in drilling fluid systems.**

**Our API grade bentonite delivers superior rheological properties, excellent swelling capacity, and effective borehole stabilization.**



**API Bentonite**

# OUR PRODUCTS



**Micro Tunnelling Bentonite**

Micro Tunnelling Bentonite is a specially processed sodium bentonite designed for trenchless technology and micro tunnelling applications. It provides excellent lubrication, ground support, and spoil removal during pipe jacking and underground boring operations.

Our Micro Tunnelling grade bentonite offers superior swelling capacity, high viscosity, and controlled filtration properties.

Foundry Bentonite is a high-quality sodium/calcium bentonite specially processed for green sand casting applications in the foundry industry. It acts as an excellent binding agent, providing superior strength, plasticity, and thermal stability to moulding sand.

Our Foundry grade bentonite ensures improved mould strength, better surface finish of castings, and enhanced reusability of sand.



**Foundry Bentonite**



**Iron Ore Pelletization Bentonite**

Iron Ore Pelletization Bentonite is a specially processed grade of sodium bentonite used as a binding agent in the production of iron ore pellets. It plays a vital role in improving pellet strength, durability, and performance during high-temperature induration processes in steel manufacturing.

Our pellet grade bentonite offers high swelling capacity, excellent bonding properties, and low impurities. It enhances green pellet strength, improves drop number resistance, and ensures uniform pellet formation.

Attapulgite is a naturally occurring magnesium aluminum silicate clay known for its excellent suspension, absorption, and thickening properties. It is widely used in drilling fluids, paints, coatings, agriculture, animal feed, pharmaceuticals, and industrial applications. Our high-quality Attapulgite offers superior colloidal and rheological performance without requiring high swelling. It provides excellent stability in both saltwater and freshwater systems, making it ideal for specialized drilling and industrial uses.



**Attapulgite**

# OUR PRODUCTS



**Refractory Bentonite**

Refractory Bentonite is a specially processed grade of bentonite used in high-temperature refractory applications. It acts as a reliable binding agent in refractory bricks, castables, and monolithic linings, providing excellent plasticity and strength.

Our Refractory grade bentonite offers superior thermal stability, high bonding capacity, and controlled shrinkage properties.

Ceramics Bentonite is a high-quality clay mineral widely used in ceramic bodies and glazes to improve plasticity, binding strength, and workability. It enhances the shaping properties of ceramic mixtures and provides better strength during drying and firing.

Our ceramic grade bentonite offers excellent suspension capacity, controlled shrinkage, and improved green strength.



**Ceramics Bentonite**



**Earthing Bentonite**

Earthing Bentonite is a specially processed grade of bentonite designed to improve grounding efficiency in electrical earthing systems. It enhances soil conductivity, reduces earth resistance, and ensures long-lasting and stable earthing performance.

Our Earthing grade bentonite has high moisture retention capacity and excellent swelling properties, which help maintain low resistance even in dry and sandy soil conditions.

Fertilizers Bentonite is a specially processed grade of bentonite used as a binding and carrier agent in fertilizer manufacturing. It is widely used in the production of granulated fertilizers, soil conditioners, and micronutrient blends.

Our fertilizer grade bentonite offers excellent swelling capacity, moisture retention, and granule strength. It helps in uniform nutrient distribution, improves soil structure, and enhances water-holding capacity.



**Fertilizers Bentonite**

# OUR PRODUCTS



**Animal Feed Bentonite**

**Animal Feed Bentonite is a high-purity natural clay used as a feed additive and binder in livestock and poultry nutrition. It improves pellet durability, enhances digestion efficiency, and helps in toxin control within the digestive system.**

**Our feed grade bentonite offers excellent absorption capacity, strong binding properties, and safe mineral composition. I**

**Paper Bentonite is a high-quality natural clay used in paper manufacturing to improve brightness, smoothness, and strength. It enhances paper quality and printing performance.**

**Enhances paper strength, better printability and smooth surface finish. Our paper grade bentonite offers excellent binding and coating properties, ensuring improved surface finish and durability.**



**Paper Bentonite**



**Pond Sealing Bentonite**

**Pond Sealing Bentonite is specially processed for waterproofing ponds, reservoirs, and canals by creating a strong sealing layer.**

**With high swelling capacity, it forms a natural barrier that prevents water leakage and ensures long-lasting protection.**

**Pharmaceutical Bentonite is a high-purity natural clay used in medicinal and healthcare formulations. It is known for its detoxifying and adsorption properties.**

**Processed under strict quality control standards, our pharma grade bentonite ensures safety, fine particle size, and consistent performance suitable for medical applications.**



**Pharmaceutical Bentonite**

# OUR PRODUCTS



**Cosmetics Bentonite**

Cosmetics Bentonite is widely used in face packs, masks, and skincare products for its excellent oil absorption and detoxifying properties. It helps remove impurities, excess oil, and toxins from the skin, promoting a natural glow and smooth texture.

Paints Bentonite is used as a thickener and suspension agent in paints and coatings to improve stability and application. It prevents pigment settling, enhances viscosity control, and ensures smooth and uniform coating performance.



**Paints Bentonite**



**GCL Bentonite**

GCL Bentonite is used in Geosynthetic Clay Liners for waterproofing and environmental protection applications. It provides excellent sealing properties and long-term durability in landfill and containment systems.

Bentonite Granules are processed granular form of natural bentonite used in various industrial and agricultural applications. They offer easy handling and uniform performance. Our granules provide excellent absorption capacity, consistent size, and strong binding properties. Suitable for fertilizers, drilling, and soil conditioning applications. durability in landfill and containment systems.



**Bentonite Granules**

# OUR PRODUCTS



**Desiccant Granules**

Desiccant Granules are specially processed for moisture control in packaging and storage applications. They provide high moisture absorption capacity and help protect products from humidity damage during transportation and storage.

Silica Sand is high purity quartz sand widely used in foundry, construction, glass, and filtration industries. Our silica sand features uniform particle size, low impurities, and excellent chemical stability suitable for industrial use.



**Silica Sand**



**Cat Litter Bentonite**

Cat Litter Bentonite is specially processed for manufacturing clumping and odor-controlling cat litter products. It offers fast clumping action, high absorption capacity, and effective odor control for improved pet hygiene.

Natural Bentonite Lumps are raw, unprocessed form of bentonite suitable for grinding and industrial processing applications. They offer high swelling capacity and strong natural mineral composition for multiple industrial uses.



**Natural Lumps**



**Sodium Bentonite Lumps**

Sodium Bentonite Lumps are high swelling natural clay lumps widely used in drilling, sealing, and industrial applications. Known for their excellent binding and swelling properties, these lumps provide reliable performance in demanding conditions.

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# Thank you



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