

WELCOME TO ARAGOSAN MINERALS

Advancing Industries with Sustainable Aragonite

Bahamas' Sustainable Source for Aragonite

We are ARAGOSAN MINERALS, purveyors of the purest aragonite minerals, specializing in Oolitic Aragonite. Through sustainable sourcing and advanced processing, we provide premium mineral solutions that empower diverse industries to grow cleaner and more efficiently. We empower our partners with premium mineral solutions, helping them build a more sustainable future for their industries and beyond. As a reliable global trader, Aragosan ensures every shipment of aragonite meets rigorous standards for purity, consistency, and performance. Whether you're seeking bulk quantities for large-scale operations or tailored grades for specific applications, Aragosan delivers unmatched quality and service.



Aragonite, a key to sustainable future

Aragonite represents a paradigm shift in the procurement and application of calcium carbonate. Unlike traditional forms of calcium carbonate, such as mined limestone, oolitic aragonite is a biogenically renewable, climate positive material that is functionally superior in a diverse range of industries. Its formation through natural oceanic precipitation and microbial activity actively sequesters atmospheric carbon, providing a significant environmental advantage over the energy intensive and geographically disruptive process of quarrying.

The mineral's core competitive advantages stem directly from its unique physical and chemical properties. Its orthorhombic crystal structure, high purity, and exponentially greater surface area yield enhanced performance in industrial applications. A key differentiator is its superior solubility which provides immediate and measurable benefits in agriculture and water treatment. Furthermore, its unique zeta potential and spherical grain morphology contribute to improved product durability in manufacturing and better flowability in processing. Oolitic aragonite's value proposition extends beyond mere material substitution; it offers a strategic pathway for industries to improve product performance while simultaneously reducing their carbon footprint, aligning with global trends toward sustainability and circular economies.

From Ocean Floor to Global Core

Bringing nature's strength into everyday applications.

[Our Location](#)[Contact us](#)

Advancing Industries with Sustainable Aragonite

Aragosan was founded by a team of seasoned experts, uniquely combining scientific research, maritime operations, and business leadership. Our founders bring decades of experience to the table, including a scientist with over two decades of dedicated research into sustainable sourcing, and a maritime specialist committed to the most efficient and eco-friendly extraction methods. United by a clear vision, our leadership team is focused on providing regenerative aragonite solutions that fuel a more sustainable future for industries worldwide. We are deeply committed to sustainable sourcing and advanced processing, delivering an eco-friendly, high-performing product that supports sectors like agriculture, construction, and environmental restoration.

As a forward-thinking company, we stand at the intersection of natural resources and environmental responsibility. Our mission is to meet the growing global demand for natural, renewable materials with consistent, high-grade aragonite. We have earned a strong reputation for quality, integrity, and innovation, making Aragosan a trusted name for businesses around the world. We combine deep industry expertise with environmentally sound practices, ensuring our operations are both efficient and sustainable.



Aragonite Supply Chain Manager

Aragosan is the leading expert in sourcing and trading oolitic aragonite, a premium and naturally forming calcium carbonate (CaCO_3) from the marine environments of the Bahamas. What sets it apart is its unique spherical grain structure, which provides a high-purity, highly reactive material that outperforms traditional limestone in both sustainability and effectiveness.

We deliver this regenerative mineral to vital industries, offering a versatile solution that improves processes while reducing environmental impact. In agriculture, our aragonite acts as a powerful soil conditioner and a bioavailable calcium supplement for livestock. For environmental restoration, it plays a critical role in revitalizing coral reefs and stabilizing coastlines. Our product also provides an eco-friendly solution for water treatment by regulating pH and neutralizing acidic waters. Furthermore, in construction and manufacturing, it serves as a sustainable alternative to quarried materials in green cement and glass production.

Our commitment to excellence is reflected in our meticulous sourcing and processing, ensuring every shipment is tested for consistency and purity. This dedication guarantees that our clients always receive a superior, high-quality product they can trust.

To learn more about our product applications, please get in touch with our team and join us in building a cleaner, more sustainable future.





Aragosan Vision

Sustainable Growth Through Natural Innovation

Aragosan was founded to lead the way in providing natural mineral solutions that advance global sustainability goals. Our long term vision is to expand the reach and application of oolitic aragonite, a transformative resource that helps industries transition toward more sustainable practices. As global concerns like climate change, soil degradation, and water quality grow, our commitment is to provide a renewable, non-toxic material that meets this critical demand.

We are dedicated to continuous investment in the future of our product and our planet and work constantly on three core principle of our business.

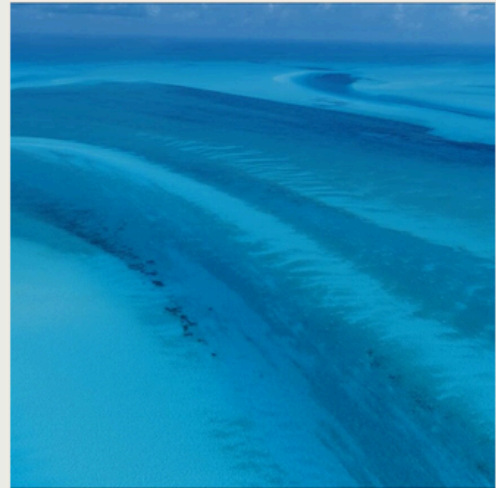
- **Research & Development:** Exploring new uses for aragonite in carbon sequestration, regenerative agriculture, and eco-friendly manufacturing.
- **Technology:** Enhancing our processing and trading systems to improve efficiency and reduce our environmental footprint.
- **Partnerships:** Collaborating with government agencies, NGOs, and academic institutions to promote the responsible use of mineral resources.

From our strategic office at Turks and Caicos and partner offices in Greece and United Arab Emirates, we have built a strong foundation for national and international expansion, enabling us to be your trusted source for high quality oolitic aragonite.

We see Oolitic aragonite not just as a product, but as a catalyst for positive change. Whether you are looking to improve soil health, reduce your environmental impact, or create cleaner industrial processes, our team at Aragosan is ready to support your goals with a product that is natural, renewable, and effective.

Our Vision Sustainable Growth Through Natural Innovation

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Harvesting of the Aragonite

Aragosan has long term exclusive arrangement with key suppliers who harvest the aragonite in its purest form rather than traditional mining as the commercial extraction of Aragonite is fundamentally different from traditional mining. It is the harvesting process which doesn't require any form of environmentally disruptive practices of quarrying. The harvesting process involves environmentally responsible mining practice, which removes accumulated sediment from the banks. This harvesting approach, in conjunction with the mineral's continuous replenishment, makes it a truly sustainable and renewable resource.

Our Product Suite

The Bahamas is home to one of the world's most unique and abundant natural resources, Aragonite and among all the most niche product is Oolitic Aragonite. Unlike conventional quartz sands, Bahamian aragonite is a naturally occurring, high-purity form of calcium carbonate (CaCO_3). Its exceptional quality stems from a unique geological process, the chemical precipitation of calcium carbonate from seawater, which forms small, spherical grains (ooids) with a crystalline structure and an unparalleled purity.

Our company is partnering with key suppliers at the forefront who are responsibly harvesting and processing this remarkable resource. We don't just extract aragonite, we transform the unique properties of Bahamian aragonite into a comprehensive product suite designed to meet the precise needs of modern industry. From high purity raw materials for industrial applications to specialized powders for advanced manufacturing and aesthetic aggregates for civil engineering to further enhancement of football field and beach nourishment, our offerings leverage aragonite's distinct characteristic in form of spherical grain shape, high surface area, and chemical reactivity.



Product Suite

Each product in our portfolio is meticulously refined to a specific grade, ensuring consistent quality and performance. By harnessing the full potential of this exceptional mineral, we provide sustainable, high-performance solutions that are essential for a wide range of global markets, all while adhering to the highest standards of environmental stewardship.

High-Purity Oolitic Aragonite Sand

This is the flagship product, derived from the naturally precipitated oolitic aragonite sand found in vast quantities on the Great Bahama Bank. It is the purest and most uniform product.

Product Name: "Bahamian Aragonite Pure Grade" or "A-Grade Oolitic Sand"

Description: A brilliant white, spherical, and highly pure calcium carbonate sand. This sand is formed through the natural precipitation of aragonite from seawater, creating uniform, concentric spheres known as ooids. Its exceptional purity (>98% CaCO_3) and low silica content make it a superior choice for a wide range of industrial applications.

- **Key Features:**

- **High Purity:** Excellent for chemical and industrial processes.
- **Uniform Grain Size:** Ideal for filtration and specialized manufacturing.
- **Low Silica & Heavy Metals:** Safe for environmental and food-grade applications.

- **Applications:**

- **Agriculture:** Soil and water pH balancing, fertilizer additive.
- **Construction:** Cement and concrete production, a low-carbon alternative to traditional aggregates.
- **Filtration:** Water treatment and specialized industrial filters.
- **Industrial:** Glass, plastics, and paper manufacturing filler.
- **Aquaculture:** Aquarium substrates and marine life habitat creation.



Multi-Purpose Carbonate Sand

This product combines various natural carbonate sands, offering a more affordable, multi-purpose option. It is less pure than the oolitic grade but retains valuable properties for large-scale uses.

Product Name: “Bahamian Marine Aggregate” or “Coral-Shell Carbonate Mix”

Description: A blend of fragmented coral, shells, and other marine organisms, creating a coarser, irregularly-shaped aggregate. This natural mix provides a durable, eco-friendly material for civil engineering and coastal projects.

- **Key Features:**
 - **Natural Blend:** Composed of biogenic materials (coral, shell fragments).
 - **Coarse Grain Size:** Provides excellent drainage and structural stability.
 - **Diverse Appearance:** Ranges from white to pink, with visible shell and coral pieces.
- **Applications:**
 - **Coastal Protection:** Beach replenishment and restoration.
 - **Landscaping & Construction:** Decorative aggregate, paving, and filler.
 - **Civil Engineering:** Used as a base layer for roads and other infrastructure..



Specialty Aragonite Powders

This product targets high-value, niche markets requiring fine, reactive calcium carbonate. This is where the acicular aragonite comes in.

Product Name: “Acicular Aragonite Micro-Powder”

Description: A superfine, needle-like aragonite powder (3–10 microns long). This product is obtained by processing and refining the finest precipitated aragonite particles, resulting in a unique crystal structure and high surface area.

- **Key Features:**
 - **High Surface Area:** Increases reactivity for chemical and industrial uses.
 - **Unique Morphology:** Needle-like crystals provide specific rheological and structural properties.
 - **Ultra-Fine Grade:** Suitable for advanced manufacturing and chemical processes.
- **Applications:**
 - **Plastics:** Filler and reinforcement additive to improve strength and stiffness.
 - **Paints & Coatings:** Extender pigment and rheology modifier.
 - **Cosmetics & Pharmaceuticals:** High-purity filler and active ingredient.
 - **Chemical Synthesis:** Raw material for specialized calcium compounds.



Pink Sands Collection (Aesthetic Product)

This product leverages the unique aesthetic appeal of certain Bahamian sands for high-end decorative and landscaping markets.

Product Name: "Bahamian Pink Beach Sand"

Description: A beautiful, naturally pink sand composed primarily of the crushed shells of microscopic foraminifera (*Homotrema rubrum*). Sourced from specific locations known for their pink beaches, this sand is a premium, aesthetically unique product.

- **Key Features:**

- **Distinct Color:** Naturally vibrant pink, ideal for decorative purposes.
- **Fine Grain:** Smooth texture, perfect for high-end landscaping and art.
- **Natural Origin:** Sourced sustainably from specific marine environments.

- **Applications:**

- **Aqua scaping:** High-end aquarium substrate.
- **Landscaping:** Decorative garden elements and pathways.
- **Art & Crafts:** Sand art, event, decor and terrariums.



From Nature to Industry

Renewable Aragonite for a sustainable tomorrow

[Learn More](#)[About us](#)

Agriculture

Aragonite provides a multi-dimensional solution for improving fertilizer efficiency, crop nutrient availability, and soil health. Its ability to absorb, retain, and slowly deliver a wide spectrum of nutrients enables both immediate and long-term agronomic and environmental benefits. This enhances both economic returns for farmers and contributes to sustainable agriculture practices.

Aragonite role in Agriculture Industry



Sports Field

Aragonite is a popular choice for artificial turf infill due to its spherical grain shape, which is a major advantage over traditional sharp, angular sands and that's the reason, its being used widely as a type of infill for football fields. Its unique properties are specifically beneficial for player safety and field performance having reduced Friction and Abrasions, Superior Shock Absorption and Improved Heat Management

Aragonite role in Play ground



Beach Nourishment

Aragonite offers a renewable, environmentally responsible, and technically viable alternative for beach nourishment. Its unique physical and ecological properties make it well-suited to safeguarding shorelines, supporting coastal wildlife, and contributing to climate objectives. Growing environmental pressures and regulatory trends are likely to accelerate its adoption in coastal management projects worldwide.

Oolitic aragonite role in Beach Nourishment



Construction

Aragonite is gaining traction as an innovative additive or partial replacement in concrete mix designs. Its unique properties offer several advantages over traditional materials like ground limestone or calcite-based aggregates as it can deliver both performance and environmental benefits, making it an attractive option for sustainable and high-performance construction projects.

Aragonite role in Construction



A banner image featuring a vibrant blue underwater scene with various fish swimming. In the bottom right corner, a portion of a transparent globe is visible, showing grid lines.

Our ESG Promise

Responsible Aragonite, From the Bahamas to the World

At Aragosan Minerals, we believe that extracting and supplying aragonite should not only meet the needs of today's industries but also protect tomorrow's environment and communities. Our trading operations through our supply chain partner in the Bahamas are guided by a strong ESG framework, ensuring that every ton of aragonite we deliver is responsibly sourced and transparently managed.

Environment: Regenerating, Low-Impact Extraction

We are dedicated to safeguarding the pristine Bahamian ecosystem. Our Supplier's low-impact extraction techniques are designed to reduce disturbance and support natural regeneration. Continuous monitoring ensures that our practices protect marine life and coastal habitats, allowing us to deliver aragonite with minimal environmental footprint.

Social: Partnering with Communities

Sustainability begins with people. We work hand in hand with local Bahamian communities through our supply chain partner to create lasting value through jobs, training, and infrastructure support. By reinvesting in education and community development, we ensure that the benefits of aragonite extraction are shared at the source, creating a positive social impact.

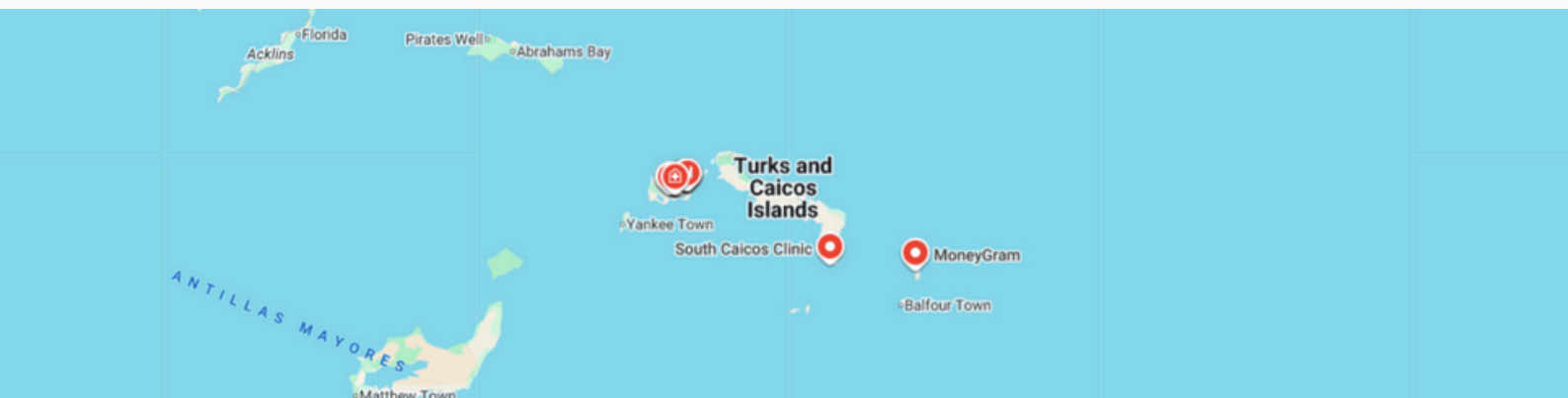
Governance: Transparency You Can Trust

From ocean floor to global marketplace, we operate with full transparency and accountability. Every step of our supply chain complies with international standards, giving our partners confidence in ethical sourcing and reliable delivery. With clear documentation and open communication, we set the benchmark for trust in the aragonite trade.

Aragosan Minerals stands for stewardship, partnership, and integrity. Together, we are shaping a responsible future for aragonite.

Ready to Discover the Power of Aragonite?

Fill out the form above, and let's start a conversation about how this natural solution can transform your project. We're here to help you unlock sustainable success—get in touch today!

[About Us](#)[Contact Us](#)

Let's connect



Email

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