

TESTED, TRUSTED & APPROVED FROM BOW TO STERN

Let Cee-Bee® bring peace of mind to your routine ship cleaning, inspection & overhaul solutions.





About Cee-Bee Innovative Maritime Chemistry

Cee-Bee Innovative Maritime Chemistry, part of MerchINTs Cleaning & Services BV in collaboration with McGean USA, is a global leader in innovative maritime chemistry. With decades of expertise, the company provides advanced solutions for ship cleaning, inspection, and overhaul services. Their mission is to bring peace of mind to vessel operators by ensuring consistent, efficient, and environmentally friendly maintenance operations.



Trusted from Bow to Stern

For years, Cee-Bee Innovative Maritime Chemistry has been synonymous with trust, reliability, and performance. Its products are tested, trusted, and approved across international fleets, ensuring full operational efficiency from bow to stern. By combining chemistry and innovation, Cee-Bee extends the lifespan of ship components and minimizes downtime during inspections or cleanings.

Innovation & Collaboration

Cee-Bee Innovative Maritime Chemistry is backed by a strong partnership between McGean USA and MerchINTs Cleaning & Services BV, combining American technology with European expertise. This collaboration has enabled the successful introduction of advanced cleaning systems for both the maritime and aviation industries.

In particular, Cee-Bee's Honey-Bee Vacuum Cleaning System revolutionized the way aircraft and vessel toilet pipelines are maintained, ensuring smooth, sanitary, and efficient operations even under continuous use.



Commitment to Quality & Sustainability

Environmental awareness is a core value at Cee-Bee. All cleaning agents and processes comply with strict international maritime standards and focus on non-toxic, biodegradable formulations. The company's systems are designed to keep vacuum toilet and sewage systems fully operational, ensuring both cleanliness and sustainability during long voyages.

Cee-Bee Innovative Maritime Chemistry continues to set the benchmark for innovative cleaning products in the global maritime industry. With its proven track record, technical expertise, and commitment to safety, it stands as a trusted partner for fleets worldwide. Truly "Tested, Trusted & Approved from Bow to Stern."

About McGean

McGean is a privately held specialty chemical company headquartered in Cleveland, Ohio, USA, with operations across the world. The company is recognized as a global leader in chemical technology for aviation maintenance, and a trusted supplier of specialty maritime chemicals and custom batch manufacturing.



McGean, in business for over 95 years, manufactures industrial chemical products and formulations for various markets and applications. Customer service, product quality, and business integrity define the culture of the organization.



Core Strengths and Global Reach

McGean's success lies in its commitment to research, development, and collaboration. By blending advanced chemical science with practical industrial applications, the company delivers products that meet the most stringent international standards.

Its aviation and maritime divisions are among the most trusted in the world, offering specialized cleaning, coating, and maintenance chemicals that ensure performance, safety, and environmental compliance. The company's strategic alliances and subsidiaries in Asia, Europe, and North America demonstrate its global footprint and long-term dedication to technological growth and customer satisfaction.



Origin and Aviation Approvals

McGean's legacy is built on innovation and technical excellence. Since its inception, the company has focused on developing high-performance chemical formulations that meet the most demanding industrial standards. Its early research and production efforts laid the foundation for products recognized for their reliability, safety, and efficiency across global markets.

Through its Cee-Bee Laboratories division, McGean became a pioneer in cleaning and surface treatment solutions for the aviation industry, earning approvals from leading aircraft manufacturers and regulatory authorities worldwide. These endorsements established McGean as a trusted partner in aircraft maintenance, repair, and overhaul (MRO)—a legacy that continues to inspire the company's innovations in the maritime and industrial sectors today.



A Modern Partnership

Through its partnership with MerchINTs Cleaning & Services BV and McGean has expanded into the maritime sector, introducing Cee-Bee Innovative Maritime Chemistry that deliver advanced, eco-friendly solutions for ship cleaning, inspection, and overhauls services combining McGean's chemical innovation with MC&S's operational expertise to set a new standard in sustainable maritime maintenance.



Vacuum Toilet Maintenance

It just takes time until calcium scale starts building up inside the pipe work of a vacuum toilet system. The flow reduces and eventually the system blocked. It is not always easy to locate, let alone solve these blockages. Getting access to the pipes often takes demolishing elements of the vessel's interior and always means downtime in the toilet system and all the additional inconvenience that results from it. Cee-Bee Innovative Maritime Chemistry presents the unique Innovative Concept for sustainable vacuum toilet system cleaning maintenance.



Commonly used cleaning agents for vacuum toilet systems usually do more than they pretend. Not only do the aggressive acids remove the urinary scaling, they also affect pipes and seals.

The Cee-Bee descaling products are a very mild acid that does neither affect the pipelines and seals nor the biological system in the sewage treatment tank.

The most common solution is to avoid blockage by the periodic cleaning of the system. As this involves taking out of operation lines of toilets, it is obvious that the cure is often worse than the problem.

The disconnected line can be filled with diluted acid (which not only disrupt the services on board, but can also cause damage due to leakage) or pumped around in a closed loop, which is more effective, but may have the same negative effects.



The Cee-Bee™ Vacuum Systems Descaling Program allows for all toilets to remain in operation. It can take place anywhere at any time, without interfering with the vessel operation, even during sailing.

The Cee-Bee™ Vacuum System Descaling Program is altogether cost effective.

Cee-Bee Innovative Maritime Chemistry has over twenty-five years of experience cleaning vacuum toilet systems in the maritime industry. One of the results is the Cee-Bee vacuum cleaning program with dosing systems combined with Honey Scale Remover Gel and the Toilet System Cleaner.

Driven by continued market demand and alongside other technologies, various Cee-Bee dosing systems have been developed. These form the core of the Cee-Bee vacuum cleaning program and stand out from all competitors for several reasons: Cee-Bee dosing systems are safe, user-friendly, portable, easy to install and reasonably priced. The Cee-Bee vacuum systems descaling program offers a special method for cleaning vacuum lines, without disassembly.

To bring the Honey Bee MR 120 Scale Remover Gel into the toilet system you need to connect a Cee-Bee MR Dual Digital Dosing Unit or an Eco Digital Dosing Unit at the end of the main vacuum pipe. It is necessary to determine the number of toilets connected to the main vacuum pipe and then calculate as follows. Calculate 1cl Honey Bee MR 120 Scale Remover Gel per toilet per day (a unit connected to 10 toilets use about 70cl a week).

Routine cleaning of the toilet bowl with Cee-Bee MR 120 Toilet System Cleaner also results in control and prevention of scaling of the bowl, vacuum valve and vacuum pipe system.

Dosing Systems



Cee-Bee
Digital Dual Dosing Unit



Cee-Bee
Eco Dosing Pump

Descaling Products



Honey Bee
120MR Scale Remover Gel



Cee-Bee
Toilet System Cleaner



GreenBioClean™ Barnacle Remover

GreenBioClean Barnacle Remover is an environmentally friendly and safe-to-use descaler liquid designed to remove barnacles and scale build-up in cooling systems, such as heat exchangers, boilers, and cooling pipes. It is non-harmful to materials like steel, iron, copper, plastic, PVC, and other metals, making it a safe choice for cleaning without causing damage.

Befor cleaning



After cleaning



Why use GreenBioClean Barnacle Remover?

Heat exchangers of all types become inefficient with scale build-up and dirt, especially when sea water is used for cooling or firefighting. Chemical cleaning with GreenBioClean Barnacle Remover is an efficient and cost-effective way to remove deposits, residual corrosion, and other obstructive contaminants. This process is used as periodic maintenance to keep systems free of contamination and blockages.

Removing the scale build up allows your equipment to operate more efficiently with less down time



Easy to Use:

The GreenBioClean Barnacle Remover liquid is very easy to use as it only needs to be pumped through the heat exchanger or pipe system. It does not require heating and only minimal equipment is needed for the cleaning process. The loosening of sedimentation occurs through a chemical reaction, not by pressure or the velocity of the medium, which means a high-capacity pump is not required.

Fast:

This solution works quickly, cleaning the equipment within a few hours compared to standard cleaning methods. It also allows in-situ cleaning, eliminating the need to dismantle equipment.

Biodegradable:

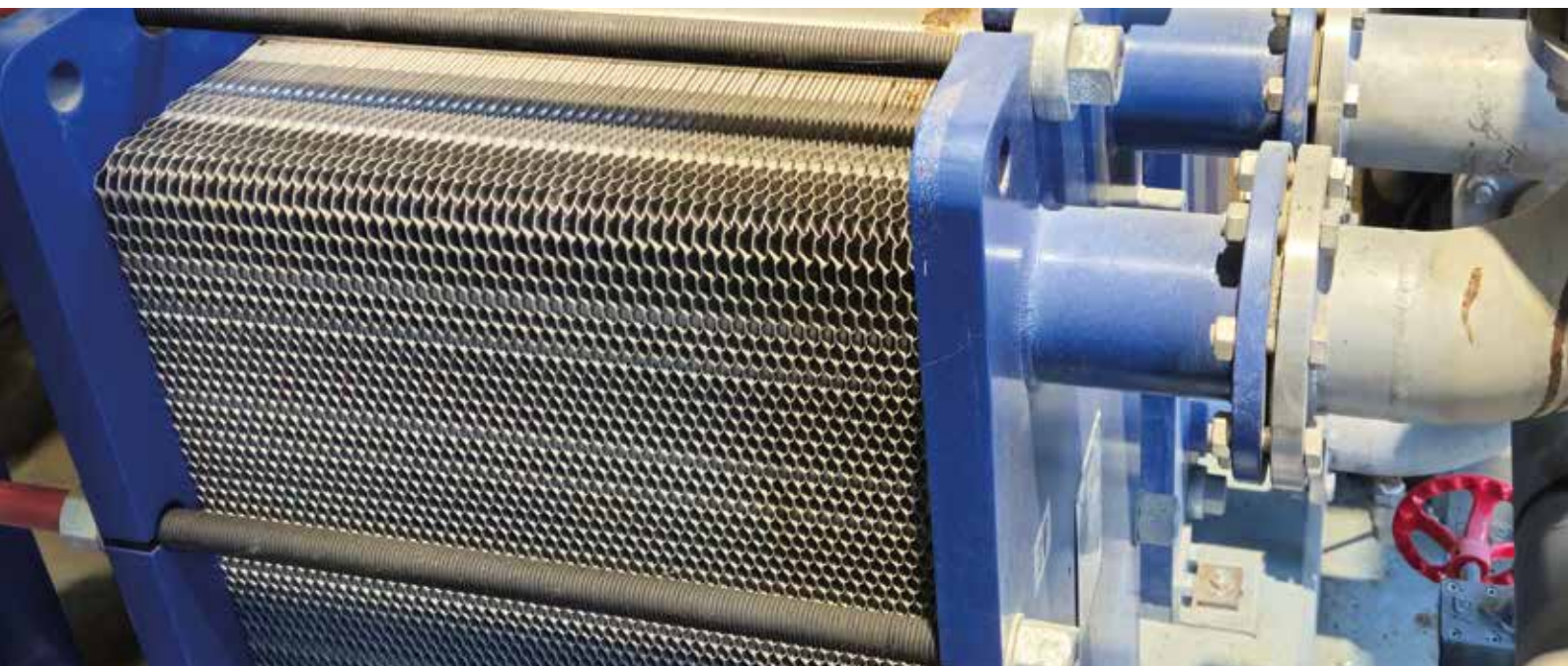
GreenBioClean is fully biodegradable and will not cause any harm to your equipment or materials.

Safe for Humans:

It is completely safe for your personnel and poses no health risks during use.

Save Time and Money:

By using GreenBioClean, you reduce energy and operational costs, prevent costly re-pairs and shutdowns, and extend the overall lifespan of your equipment — saving both time and money in the long run.



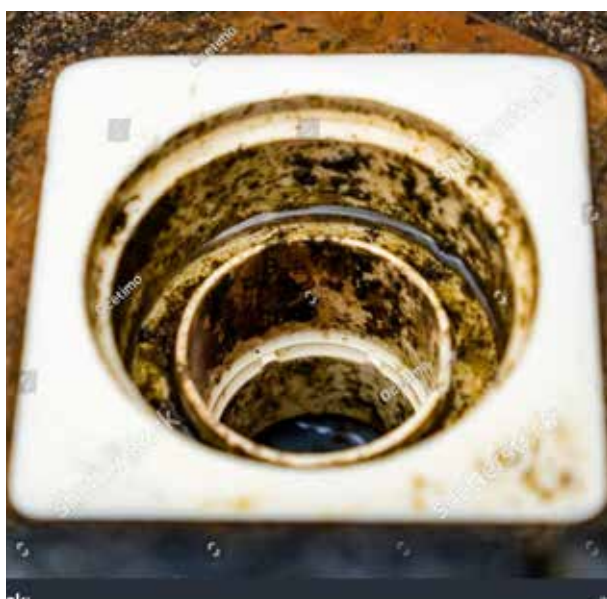
Heat exchangers of all types become inefficient with scale build-up and dirt especially where sea water is used for cooling or firefighting. Chemical cleaning, using GreenBioClean Barnacle Remover, is an efficient and cost effective way to remove deposits, residual, corrosion and other obstructive contaminations. This process is used as periodic maintenance to keep systems free of contamination and blockages.



GreenBioClean Drain Cleaner Powder

GreenBioClean™ Drain Cleaner Powder is a powdered product based on micro-organisms, enzymes and nutrients to liquefy and digest grease, cellulose, starch, surfactants, etc. Rapid and in depth action thanks to the synergetic action of bacteria, enzymes and nutrients.

Provides rapid start-up of grease traps. Allows grease traps to work better and longer with reduced service. Maintains lines clean and free flowing, controls odors. Provides rapid start-up of new septic tanks and accelerate the restart of unused septic tanks after a long time



Drains

To avoid clogging or bad odors add 2 measuring jugs to the drain every fortnight.

Septic tanks

For a 1m³ tank.

Seeding: 6 measuring jugs to be added directly into the tank. Regular maintenance: put 2 measuring jugs in the toilet bowl every fortnight and flush.

GreenBioClean™ Drain Cleaner Powder comes in 4 kg tubs.

Grease traps

Empty trap prior to treatment. Fill a 8-10 ltr bucket with luke warm water. Add 2 measuring jugs and stir until the product is in solution. Leave it for 5 minutes and stir again. Add this solution directly to the various kitchen drains. In case of very badly running drains repeat treatment for five days. For maintenance treat kitchen drains once every fortnight and shower drains once every month.

stir until product
is in solution



Ad directly
to drains



GreenBioClean Drain Cleaner Liquid

GreenBioClean™ Drain Cleaner Liquid maintains grease interceptor operation Beneficial micro organism augments natural processes already at work in grease interceptor Helps degrade fat, oil, grease and other food organics build-up Reduces drain line blockages, excessive pumping and malodors Long-lasting microbial bio-augmentation helps reduce grease trap maintenance Continuously breaks down odorous volatile fatty acids and odor-causing organics Long-lasting microbial



Grease traps and drain lines

GreenBioClean™ Drain Cleaner Liquid is a ready-to-use product. For drain lines and grease interceptors apply directly to the head of the drain line system, prior to the grease interceptor.

For convenience GreenBioClean™ Drain Cleaner Liquid may be applied intermittently by manual addition, the most effective application, however, is continuous by automated chemical feed pumps.

Drains

To avoid clogging or bad odors Find the correct dosage per kitchen drain in this table

GreenBioClean™ Drain Cleaner Liquid comes in 10 ltr. cansisters

Interceptor size	Liquid (per day)
500–1,000 gal / 1,892–3,785 L 400–800 meals per day	10–20 oz / 300–600 ml
1,000–1,500 gal / 3,785–5,678 L 1,000–1,500 meals per day	20–30 oz / 600–900 ml
> 1,500 gal / > 5,678 L 2,000 meals per day	> 30 oz / > 900 ml



Pneumatic Systems International

Pneumatic Systems International (PSI) Pty Ltd is situated in Wangara, Western Australia, PSI manufactures, markets and distributes a family of revolutionary air tools for the cleaning of hose, tube and pipe from 3mm to 160mm across a wide range of industries for the 21st century. From marine, mining and offshore oil & gas to hydraulics, refrigeration, food and beverage, aerospace, telecommunications, construction. PSI are supplying the solutions to keeping the arteries and nerves of the industrial world clean. We also distribute an ever increasing range of quality tools for diy, trade & professional use.

“Giving customers value for money” We believe the element to our success as a company relies solely on our dedication to providing exceptional service & prompt delivery.



Featured Categories & Products

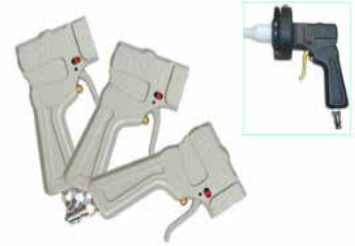
Explore our range of advanced pneumatic solutions designed for precision, durability, and performance. From complete kits to launchers and spare parts, PSI delivers quality tools engineered for industrial excellence.



Kits



Launchers



Spareparts



PSI's product range includes a complete selection of Kits, Launchers, Pellets, Shuttles, and Spare Parts, designed to meet the demanding requirements of industrial and maritime applications. The Kits provide all essential tools for efficient hose and pipe cleaning, while the Launchers deliver powerful air propulsion for precision cleaning performance. Pellets and Shuttles are engineered for thorough internal cleaning, ensuring smooth airflow and contamination removal across various pipe diameters. Supported by high-quality Spare Parts, PSI products guarantee long-term reliability, reduced maintenance time, and consistent operational efficiency.



Customers Cee-Bee Innovative Maritime Chemistry

Cee-Bee Innovative Maritime Chemistry's client base includes major international shipping and offshore companies, where safety, environmental responsibility, and reliability are paramount. Thanks to decades of experience in the aviation and maritime sectors (including our start in aviation chemistry in 1929), we have built a solid reputation. For these clients, we provide customized maintenance solutions for vacuum toilet systems, heat exchangers, cooling systems fuel lines and fire pipes. Thanks to this focus on quality, sustainability, and technical expertise, we are chosen by clients who demand high standards for maintenance programs, downtime minimization, and compliance with environmental standards.



Royal Dutch Navy

On Royal Dutch Navy ships, cleaning and maintaining the toilet system, heat exchangers, and fuel lines is crucial for reliable and safe operation at sea. These systems are constantly exposed to heavy loads and temperature fluctuations. Cee-Bee Innovative Maritime Chemistry products guarantee thorough, controlled cleaning that is both effective and safe for equipment, personnel, and the environment.



Doeksen ferry service

On the ferry's of Doeksen ferry service the cleaning and maintenance program for the vacuum toilet system plays a crucial role in ensuring comfort, hygiene, and operational reliability on board. Due to the intensive use of the systems, proper and professional cleaning is essential to prevent urine scaling, odor nuisance, and blockages.



Seafox B.V.

Using Cee-Bee Maritime Chemistry products, Seafox implements a controlled and sustainable cleaning program. These specially formulated agents effectively remove grease, urine scaling, oil, and fuel residues without damaging materials or systems. The products used are biodegradable, safe for personnel, and meet the strict environmental requirements for offshore installations.

Our Products

We develop and supply a wide range of advanced cleaning and maintenance solutions for industrial and marine applications. Our portfolio includes specialized products for vacuum toilet systems, drain and pipeline maintenance, degreasing and Branacle dissolving in heat exchangers and pipelines. Each formulation is designed to deliver maximum performance while remaining safe, non-toxic, and environmentally responsible.





Honey Bee 120MR Scale Remover Gel

HoneyBee 120MR Scale Remover Gel is a high-quality, professional cleaning fluid designed for the safe maintenance and effective removal of urinal scaling in plumbing systems. Thanks to its gel structure, the product adheres perfectly throughout the pipe, without damaging the materials.



Honey Bee 120MR Scale Remover Liquid

HoneyBee 120MR Scale Remover is a powerful, professionally developed descaler for removing stubborn limescale from urinals. The specially formulated solution quickly and effectively dissolves deposits in plumbing fixtures, pipes, urinals, toilets, and metal surfaces without damaging the materials.



Cee-Bee Digital Dual Dosing Unit

The Dual Dosing Unit includes two solenoid valves, simulating a flush and distribute the HoneyBee Scale Remover Gel. This ensures the product reaches the entire pipe and moves slowly through the toilet system. Its robust construction guarantees long-term reliability, even under harsh industrial conditions.



Cee-Bee Eco Dosing Pump

The Cee-Bee Eco Dosing Pump is a reliable, energy-efficient dosing pump designed for accurate and safe dosing of HoneyBee Scale Remover Gel. Thanks to its smart, eco-efficient design, this pump offers the perfect balance of performance, durability, and ease of use— ideal for professional marine applications.



Cee-Bee Toilet System Cleaner

Cee-Bee™ Toilet System Cleaner is an environmentally friendly and efficient treatment designed for removal of hard water scale, urine scale build-up and anti-bacterial cleaning of the toilet bowl. The thick consistency adds to its ability to cling to the inner surface of the pipes, prolonging the duration of its activity in the pipe system.



Honey Bee SuperBee 420MR Industrial Degreaser

The SuperBee 420MR Industrial Degreaser is a powerful, safe, low-solvent degreaser for the fast and safe removal of heavy industrial contamination such as oil, grease, fuel residue. Its fast action and low residue make the SuperBee 420MR ideal for maintaining engine components, engine rooms, deck surfaces, and technical installations.



GreenBioClean Barnacle Remover

GreenBioClean Barnacle Remover is an environmentally friendly and safe-to-use descaler liquid designed to remove barnacles and scale build-up in cooling systems, such as heat exchangers, boilers, and cooling pipes. This advanced formula was specifically developed for the maritime sector, where efficient maintenance is essential for performance and fuel economy.



GreenBioClean Draincleaner Powder

GreenBioClean DrainCleaner Powder is a powerful, biodegradable powder formula designed to safely and effectively remove grease, soap residue, and organic waste from drains. Thanks to its concentrated composition, this product offers maximum cleaning power with minimal environmental impact.



Distributors

Cee-Bee Innovative Maritime Chemistry

Global quality, local service – order easily from an authorized dealer in your country.

Our dealers know the maritime sector inside and out. They understand the challenges you face on board, in port, or in the workshop – and will help you immediately with the right Cee-Bee® Maritime solutions.

Whether you're performing maintenance at sea or in port, there's always a Cee-Bee Maritime dealer in your region ready to assist you. Your local dealer can help you with: Expert product and application advice, Safety data sheets and technical documentation, Quotes, pricing, and delivery times.

This way, you benefit from Cee-Bee®'s global expertise – with the convenience of local support.

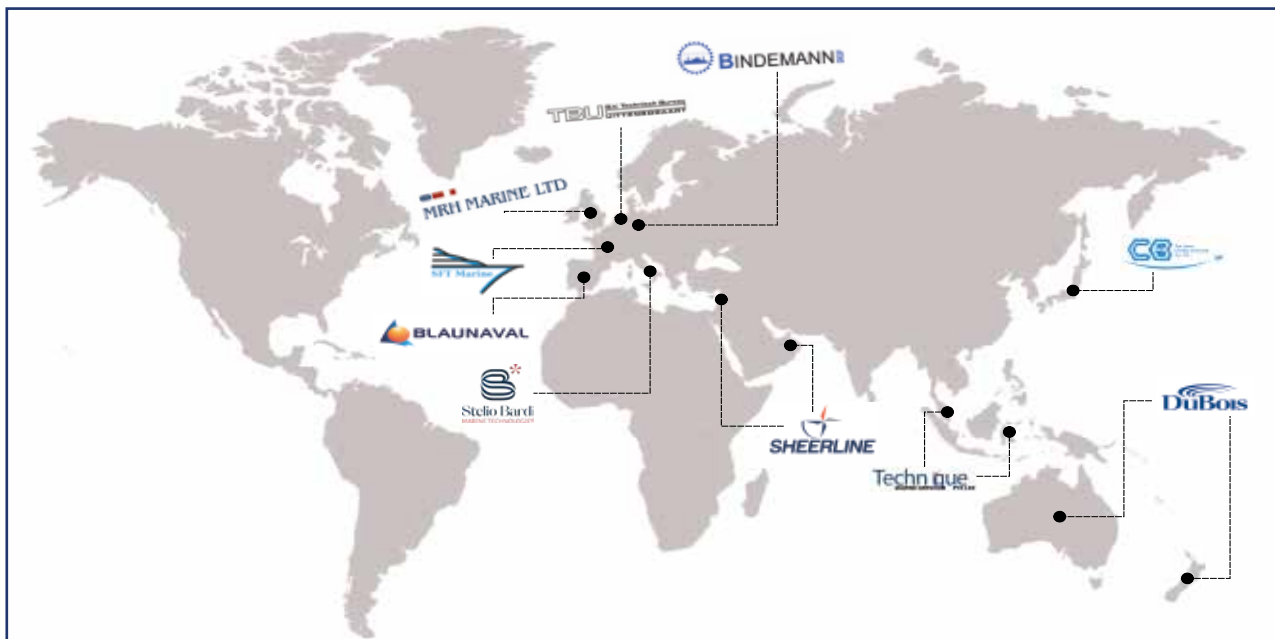
Ordering from Cee-Bee Maritime is simple and efficient. You can contact the dealer in your country directly to place your order. Our dealers ensure a smooth ordering process and on-time delivery, so your operations can continue uninterrupted.

Find your local Cee-Bee® Maritime dealer today and experience the power of globally trusted products with personalized service.

Cee-Bee® Maritime – Global solutions, local support.



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Cee-Bee Innovative Maritime Chemistry continues to lead the way in innovative cleaning solutions for the maritime industry. With decades of expertise, we have developed advanced chemical formulations that not only meet the highest environmental standards but also deliver unmatched performance for ship cleaning, waste management, and system maintenance. Our products are trusted globally, ensuring that the ships and offshore platforms are operating efficiently, sustainably, and hygienically.

At Cee-Bee, our commitment to excellence drives us to provide superior products and services, backed by an expert team dedicated to supporting your maritime operations. We pride ourselves on customer satisfaction and strive to make a significant impact on the cleaning and maintenance of maritime systems worldwide.

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