

*All products are available
in our new webshop.*



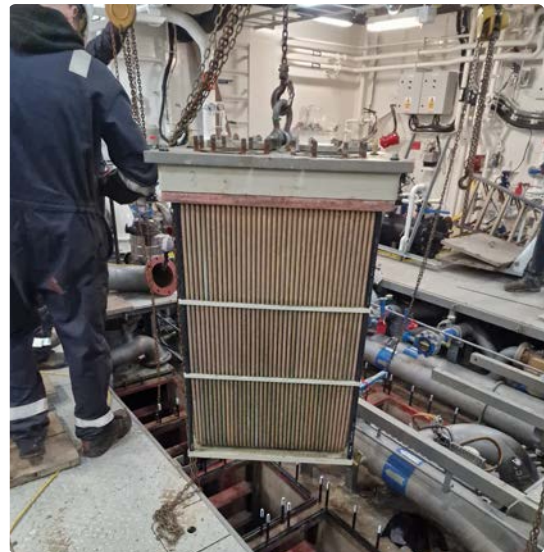
www.nordicgreenproducts.com



Box Cooler Service

Dismantling the coolers from the ship

We develop a detailed plan for dismantling, considering the need for cutting, moving, hoisting, and removing components.

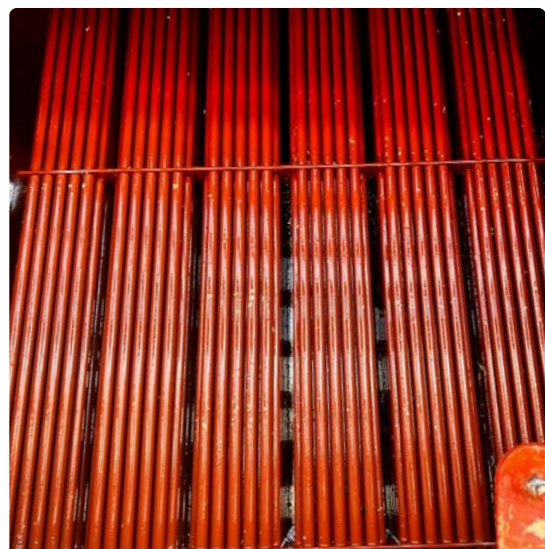


Cleaning

NGP have through solid experience developed "on site" procedures for harmless cleaning of box coolers as InSitu and Big-Bag.

InSitu:

Removal of organic materials such as barnacles and mussels using environmentally friendly NGP cleaners.



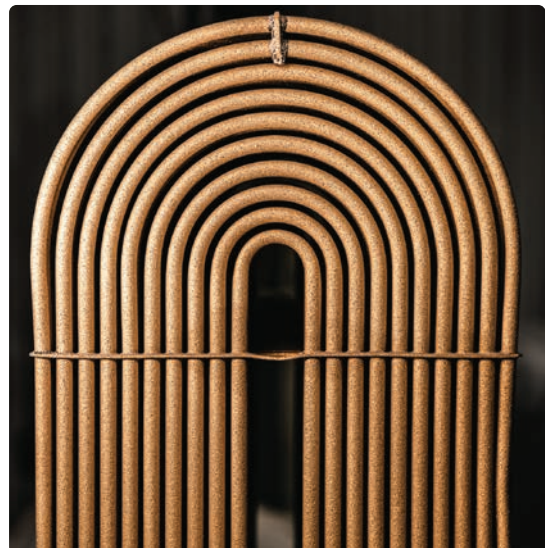
Tank Cleaning



Cleaning of the box cooler inside the tank using Marine Fluid™ provides highly effective removal of marine growth and barnacle contamination, achieving near-complete cleaning efficiency without damaging the existing coating system or compromising the integrity of the paint structure.

Sandblasting

Each box cooler is sandblasted to remove old coating and ensure optimal adhesion for new coating. Before being put in operational use, the box coolers are pressure tested to make sure there are no leaks.



Recoating with SÄKAPHEN®



Superior Coating:

We use SÄKAPHEN® SÄKATONIT® Extra AR-F, a two-component, hydrophobic, and floodable epoxy-based coating.

Application:

The coating is applied on-site, often directly at the shipyard, with no need for shipping coolers offsite.

Chemical Resistance:

The coating is resistant to various types of water and marine cleaners, protecting against galvanic corrosion.

Proven Results:

SÄKAPHEN® coatings have a track record of enhancing durability and performance, with over 40 years of experience in marine cooler applications.

Benefits:

Protection against galvanic corrosion, no use of biocidal fillers, and speedy processing times.

SÄKA PH EN

Repair services

After identifying any damages that need repair, our technicians work closely with the manufacturer and shipyard to ensure that each cooler is repaired to the highest standard.

Service agreements

Our maintenance programs are designed to support the entire lifecycle of your box coolers. We offer longterm service agreements that secure the lifecycle of your equipment.

Service on all brands

We also provide maintenance and service for all brands of box coolers, ensuring they operate efficiently and extend their service life. Our team is equipped to handle a wide range of models with the same level of expertise and care.



Service partners:



Certified by:



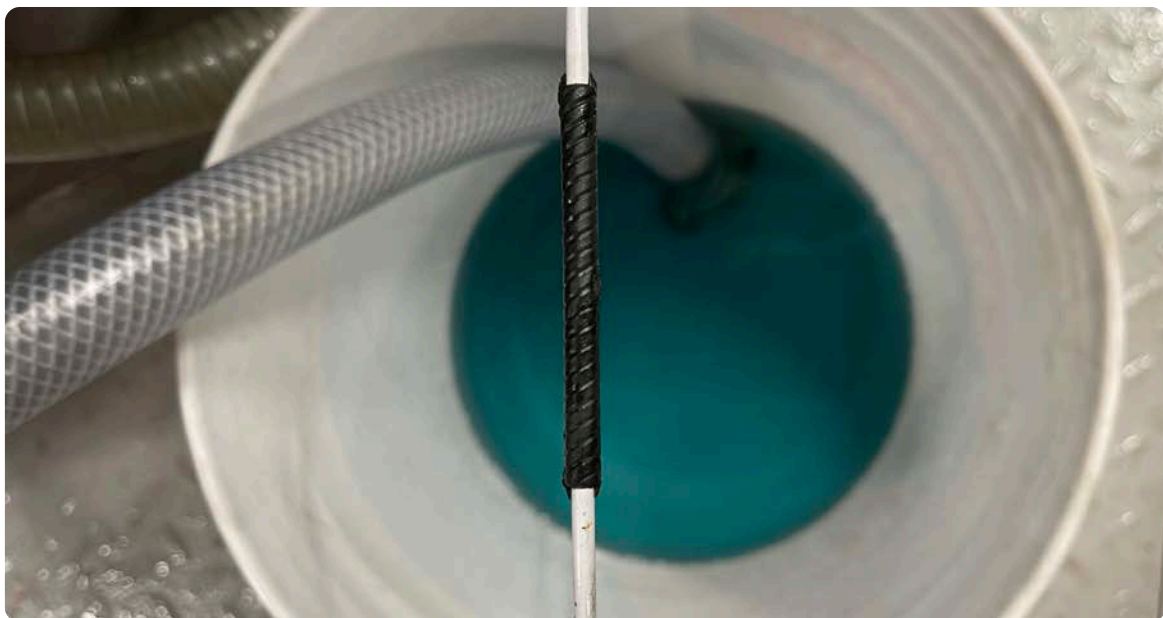


Plate Cooler Service

We specialize in the **cleaning and flushing** of Plate Heat Exchangers (PHE), ensuring your equipment operates at peak efficiency. Our process uses advanced, **environmentally friendly chemicals** that require **no dismantling**, save time, and reduce costs.

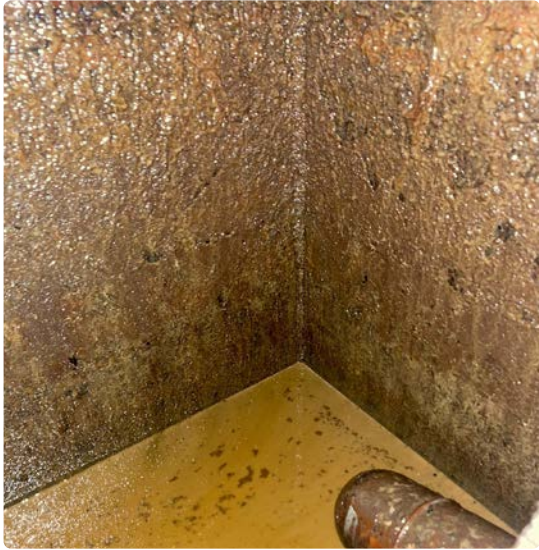
We service multiple PHEs in series using non-toxic, REACH & OSPAR-approved chemicals, making it easy to maintain your equipment without compromising environmental safety. The entire process is thoroughly documented, providing clear proof of performance improvement.

Our cleaning process



1. Safe preparation

We start by draining fluids like glycol from the system, preventing unwanted chemical reactions and ensuring a clean, safe flush.



2. Efficient flushing

Using our CIP unit, we circulate heated environmentally friendly NGP chemicals through the PHEs at 2-bar pressure, effectively removing grime and deposits.



3. Thorough inspection

After cleaning, we inspect each heat exchanger, verifying that it is fully cleaned and operating at peak efficiency. Documentation is provided for every step of the process

Why choose us for plate cooler service?



No dismantle:

Save time and resources with our on-site flushing solutions.

Flush several in series

We can handle multiple PHEs in one go, ensuring efficiency.

Green chemicals:

Safe for marine use, our solutions are effective and environmentally friendly.

Disposal to sea:

Chemicals are safely disposed of, complying with NEMS/HOCNF regulations.

Documented effect:

Comprehensive reporting to demonstrate improved performance.

REACH & OSPAR approved:

Full compliance with industry standards for safety and environmental protection

Hydroniq pleat cooler

- Certified service partner



As a certified service provider for Hydroniq, NGP is fully equipped to clean and maintain the Hydroniq Pleat Cooler—a revolutionary plate cooler designed to optimize cooling efficiency and reduce space requirements in marine applications.

The Hydroniq Pleat Cooler's compact, modular design allows for greater surface area in a smaller footprint, while its advanced technology ensures reliable heat transfer. With our certified cleaning and flushing procedures, NGP helps maintain your Hydroniq Pleat Coolers in top condition, ensuring extended operational life and performance efficiency

Key benefits of the coolers

Space-Saving Design:

Compact structure with increased cooling capacity.

Easy Maintenance:

Accessible design simplifies cleaning and servicing.

High Efficiency:

Maximized heat exchange with minimal space requirements.

Sprinkler system

At Nordic Green Products, we specialize in the comprehensive **flushing of sprinkler systems**. Our services are designed to meet the highest safety and environmental standards, ensuring your systems operate **effectively and safely**.

Sprinkler system flushing

Our expert team provides professional flushing services for sprinkler systems, removing all foam residues and contaminants. With our state-of-the-art equipment and environmentally friendly NGP products, we ensure your system is clean, efficient, and compliant with the latest standards.

Maximize your system's performance

Why choose us?

Expertise:

Highly trained technicians with extensive experience.

Efficiency:

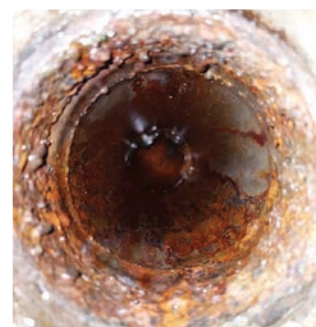
Fast and effective cleaning processes.

Eco-friendly:

Safe and biodegradable cleaning agents.

Compliance:

Meet all regulatory requirements for system maintenance.



Pipes before



Pipes after



Ensure compliance and performance with our flushing and cleaning services. We help you meet 2026 PFAS, PFOS and PFOA regulations while restoring reliability to your sprinkler systems and foam tanks using safe, eco-friendly methods.

The *hidden cost trap*

Shipowners demand compliance without hidden costs. Competitors flood systems with standard chemicals, forcing the shipowner to pay twice: first for massive chemical volumes, and then astronomical fees for high-temp incineration of the resulting wastewater. We engineer the problem away.



Drastic Cost Reduction

Proprietary NGP chemistry leaves minimal wash water. Clients save heavily on both upfront chemical purchase and hazardous waste disposal.

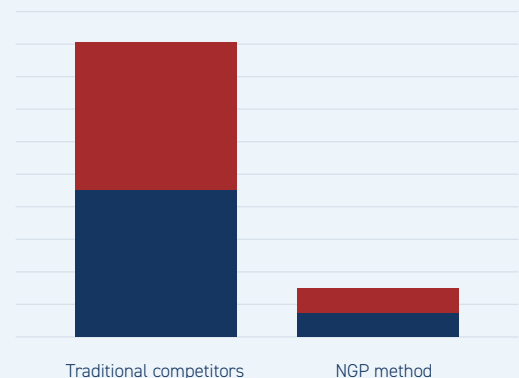


Slashed Downtime

Specialized high-pressure rigs and dedicated cleaning crews finish the job in a fraction of standard time, returning the vessel to commercial operation fast.

Financial Impact Comparison

● Upfront chemical purchases ● High temp incineration fees



The 4-Step Adaptable Process

1 Inspection & Setup

NGP boards, assesses scope, and rigs equipment with zero operational disruption.

2 Extraction

Legacy foam is rapidly and safely pumped out using high-capacity systems.

3 Wash & Fill

Chemical wash removes residues. NGP manages waste and fills the new PFAS-free foam.

4 Certification

Class partner takes over the prepped system, conducts fire tests, and issues certificates.

Regulatory Compliance

Waste Management

PFAS waste cannot be dumped or treated like standard wastewater. It requires specialized high-temperature incineration. Shipowners face massive fines and reputational damage if toxic waste is mishandled by cheap contractors.

Certificate of Destruction (CoD)

We take 100% control of the waste logistics. From extraction to final high-temp incineration at certified facilities, we maintain the chain of custody.

GUARANTEED CoD AFTER EVERY JOB

IMO / SOLAS Requirements

The IMO mandates the prohibition of new PFOS installations as of 2026. However, with evolving global regulations, transitioning to 100% PFAS-free technology is the only way to ensure long term compliance and environmental safety.

EU REACH & POPs Regulation

Strict bans on PFAS are actively enforced. The limits are so low that simply draining a tank is non-compliant. Residual cross-contamination will fail laboratory analysis. Transition to Fluorine-Free Foam (F3) requires scientific cleaning.

Critical PFAS Limit Values

CHEMICAL CLEANING CRUCIAL

Regulation	Legal Reference	PFAS Limit (mg/kg)	Application / Conditions	Deadline
PFOS	SOLAS Ch. II-2, Part C, Reg. 10 (MSC.532(107))	≤ 10 mg/kg	Marine firefighting foams	In force
PFOS	POP Reg. (EU) 2019/1021, Annex I (Reg. 2025/718)	≤ 0.025 mg/kg	Substances and mixtures (General UTC limit)	In force
PFOA	POP Reg. (EU) 2019/1021, Annex I	≤ 0.025 mg/kg (PFOA & salts) ≤ 1 mg/kg (PFOA-related)	General UTC for substances and mixtures	In force
PFOA (Interim)	POP Reg. (EU) 2019/1021, Annex I (Reg. 2025/1399)	≤ 1 mg/kg (PFOA & salts) ≤ 10 mg/kg (PFOA-related)	Installed legacy systems only	Aug 2028
C9-C14 PFCAs	REACH Reg. (EC) 1907/2006, Annex XVII (Reg. 2021/1297)	≤ 0.025 mg/kg	Firefighting foams (Training use prohibited)	In force
PFHxS	POP Reg. (EU) 2019/1021, Annex I (Reg. 2023/1608)	≤ 0.025 mg/kg (General UTC) ≤ 0.10 mg/kg (Concentrates)	Firefighting foams and concentrated mixtures	In force
PFHxA	REACH Reg. (EC) 1907/2006, Annex XVII (Reg. 2024/2462)	≤ 0.025 mg/kg	Firefighting foams	Oct 2026
Labelling	REACH Reg. (EC) 1907/2006, Annex XVII	≥ 1 mg/kg total PFAS	Mandatory labelling for PFAS-containing foams	Oct 2026
Total PFAS	REACH Reg. (EC) 2025/1988 (Entry 82, Annex XVII)	≥ 1 mg/kg total PFAS	General prohibition of PFAS in firefighting foams	Oct 2030

Why flushing with water is not enough **Remove PFAS. Properly.**

PFAS compounds persist on internal system surfaces through adsorption and physical interaction with metals, coatings and residues. Water flushing only lowers the concentration of contamination, while PFAS remains attached to pipework, tanks and system components. Even trace levels can result in failed compliance testing.

Fluor Clean Gel is engineered to force PFAS to loosen from these surfaces. It penetrates and lifts contamination into suspension, enabling controlled removal and proper waste handling.



Surface Cleaning



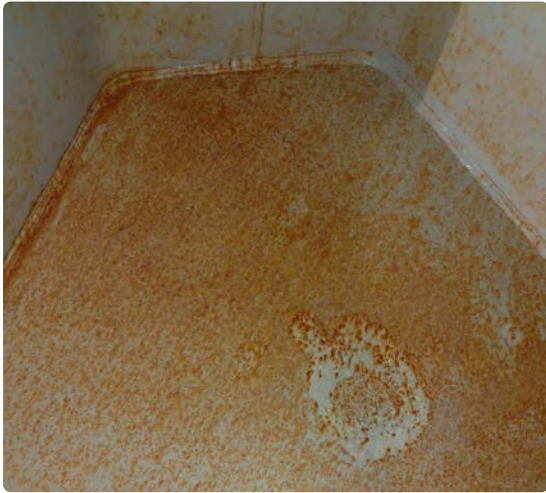
At Nordic **Green Products**, we specialize in **advanced surface cleaning solutions** designed to maintain and protect your assets in the most environmentally friendly way possible.

Rust removal

We specialize in advanced rust removal solutions that not only eliminate rust but also protect surfaces against future corrosion. Our eco-friendly gels penetrate and remove rust from a wide range of surfaces, including paint, rubber, and metal, without causing any damage. They're effective on even the most stubborn rust stains, leaving surfaces clean and ready for further treatment.



Tank cleaning



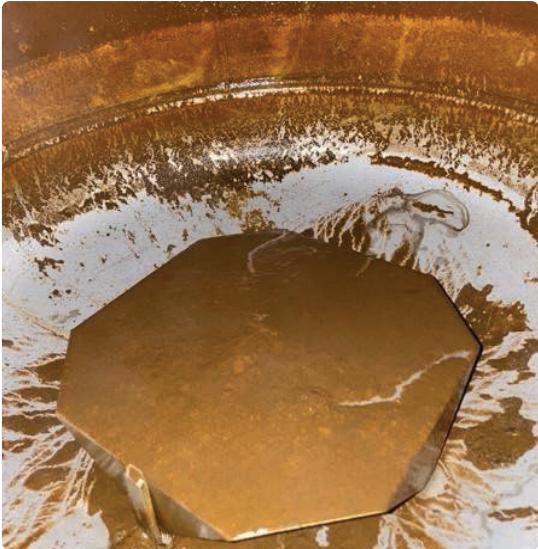
NGP provides specialized cleaning services for both the interior and exterior of tanks, ensuring they remain in top condition. We thoroughly flush the inside of tanks to remove scaling, biofilm, and organic growth, restoring efficiency without damaging the structure. Our eco-friendly products effectively clean the outside of tanks, removing rust, stains, and environmental contaminants that can degrade the tank's surface.



Stainless steel

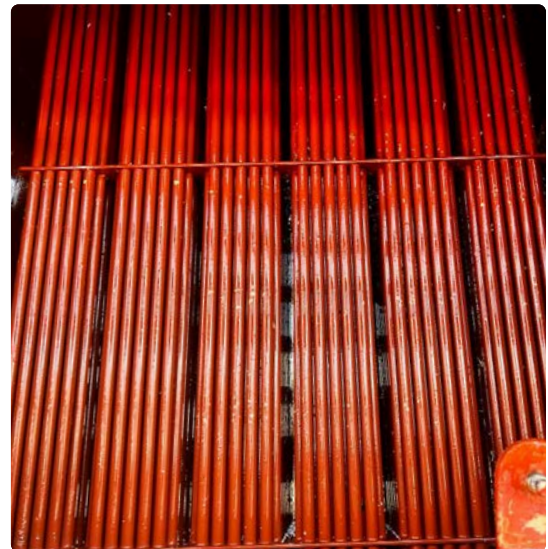
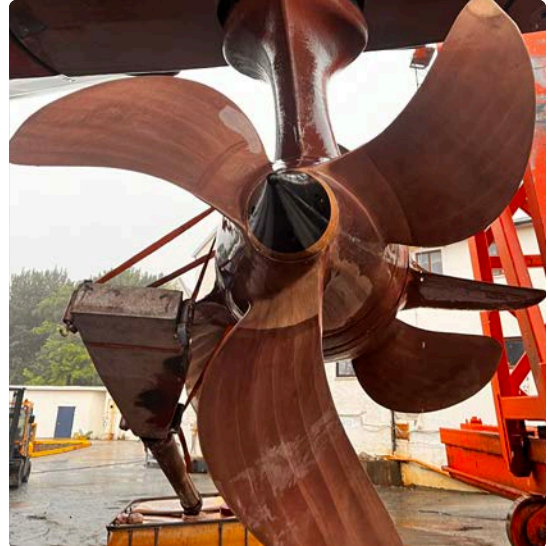


Stainless steel requires proper maintenance to retain its appearance and functionality. NGP offers specialized cleaning and preservation services tailored for stainless steel surfaces. Our gels remove stains and oxidation, restoring the original shine of stainless steel without damaging it. The process is gentle yet thorough, ensuring a smooth and clean surface.



Removal of seagrowth

Seagrowth, such as barnacles, algae, and mussels, can impair marine equipment and structures. NGP offers efficient, eco-friendly solutions for removing seagrowth and preventing its return. Our fluids and gels dissolve and remove seagrowth without harming surfaces or the marine environment, maintaining the performance and lifetime of your equipment.



In alliance with *International*[®]

We produce chemicals for International Paint. These products are designed with sustainability in mind, reducing volatile organic compounds (VOCs) and hazardous substances. NGP's environmentally conscious chemicals meet strict global regulations and reduce the overall environmental impact.





Drinking Water System Service

We specialize in the efficient and thorough **cleaning of drinking water systems** using advanced, environmentally friendly products. Our process ensures minimal downtime while achieving **optimal results**, particularly when dealing with difficult-to-remove **corrosion, scaling and biofouling**.

*Our **cleaning process***



1. Preparation

Before applying the cleaning gel, the water tank is drained of all fluids to ensure a smooth and safe cleaning operation.

2. Odin Gel application

The tank's interior is sprayed with Odin Gel. This specialized formula works on surface corrosion and contaminants that are otherwise hard to remove through conventional methods.



3. Efficient rinsing

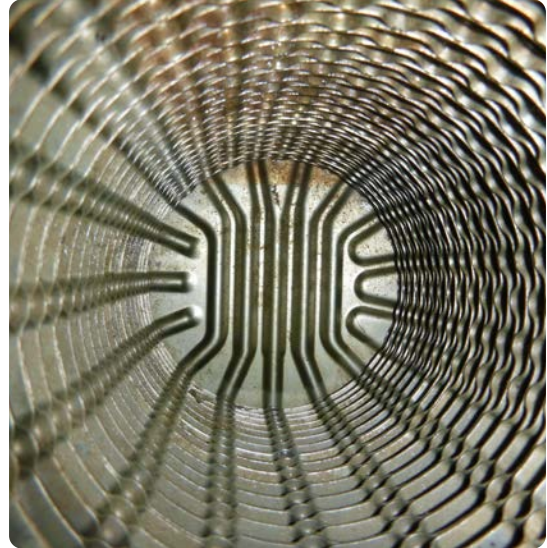
After the gel has had time to work, we flush the tank with high-pressure water (HT) to thoroughly clean the surface without needing multiple cycles.

4. Inspection & reporting

Post-cleaning, the tank is inspected to ensure all corrosion and contaminants have been removed, and detailed documentation is provided for your records.



Why choose us for water tank service?



No scrubbing needed:

The innovative Odin Gel removes surface corrosion without the need for labor-intensive scrubbing, saving both time and effort.

Green Chemicals

Safe for marine and industrial use, our Odin Gel solution is effective yet environmentally responsible.

Reduced Downtime:

Using Odin Gel, the cleaning process can reduce downtime by 30-40%, optimizing system availability and cutting costs.

Comprehensive cleaning:

Our solutions ensure a one-step operation, where both cleaning and rinsing are accomplished in a single pass, improving efficiency.

Ergonomically friendly:

The reduction in manual scrubbing minimizes strain on personnel, contributing to better Health, Safety, and Environment (HSE) outcomes.

Documented Effect:

We provide detailed reports that document the entire cleaning process and the improvements achieved.

*Approved for use in offshore **drinking water systems***

Odin Gel and Odin Fluid are officially approved by the Norwegian Institute of Public Health for cleaning drinking water tanks and pipes in offshore systems. These approvals are based on rigorous evaluations, ensuring that our cleaning products are safe and effective for use in systems that supply drinking water.

The approval includes the following key conditions:

Good manufacturing practice:

Odin Gel is produced in accordance with high-quality manufacturing standards.

Safe dosing and application:

All instructions for use and dosing are followed precisely, ensuring compatibility with drinking water systems.

Post-cleaning rinse:

After cleaning, systems are thoroughly rinsed with pure water to guarantee no negative impact on drinking water quality.

Health & safety assurance:

The product does not negatively affect the taste, smell, or safety of the drinking water.

Our products

NGP develops and manufactures non-toxic bio-cleaning products. ISO9001 and 14001 compliance give us a certified operating efficiency. Our product range is sustainable with minimum risk to the environment.



All products are available
in our new webshop.



Gels

The NGP Gel offers specialized, environmentally friendly cleaning gels for industrial use. These gels are designed for removing rust, scale, and other contaminants from various surfaces, including metals and pipes. The products are biodegradable, non-toxic, and adhere well to vertical and overhead surfaces, making them ideal for challenging cleaning tasks in marine and industrial environments.

HD Gel NEW

Alkaline cleaning gel for the toughest oil, grease and dirt deposits.

HD Gel is a highly alkaline cleaning agent specifically developed for degreasing and cleaning in the food and workshop industries. This powerful cleaning product is designed to remove even the toughest oil, grease, and dirt deposits, ensuring exceptional cleaning results. Available in foam and foamless variants. Both are gelled for maximum surface adhesion.



Alkal Gel NEW

For cleaning of foam concentrate systems.

Fluor Clean Gel is specially developed for effective cleaning of foam concentrate systems. Fluor Clean Gel removes toxic, fluorinated substances (PFAS), such as PFOA, as well as fluorides from surfaces.

The product should not be diluted with water.



Odin Gel

*Certified bio-cleaner gel for potable fresh water tanks.
Non-toxic.*

Odin Gel is the original NGP product developed in 2011. Certified for potable fresh water tanks. No need for scaffolding, rotating devices or heavy industrial equipment. Spray on Odin Gel, let the formula work and wash off with water. Odin Gel will kill 99.9% of the bacteria and efficiently remove any legionella and bio-film. HOCNF certified, non-toxic and non-flammable.



Valhall Gel

BIO-cleaner gel for surfaces. Non-toxic.

Ideal cleaning detergent for contamination on gangways, tiles, fiberglass and coated surfaces. Removes light rust. Can be applied to epoxy coating, cable trays and stainless. Applied with paint-pump, washed off with water. HOCNF certified, nontoxic and non-flammable.



Marine Gel

*Bio-cleaner gel for marine cleaning operations.
Non-toxic.*

Highly efficient cleaning agent as preventive additive to reduce scaling in vacuum systems.

Can also be used to dissolve marine growth on propellers, box coolers (in-situ), seachest, vacuum systems, rust, salt, calcium, tanks, gangways, tiles, escape routes and exhaust. HOCNF certified, non-toxic and non-flammable.



Ultra Gel

*Certified bio-cleaner gel for potable fresh water tanks.
Non-toxic.*

Powerful, industrial strength surface cleaner developed for cleaning stainless steel, duplex and super duplex surfaces. Highly effective on most surface contaminations. Applied with paint-pump, washed off with water. HOCNF certified, non-toxic and non-flammable.



Green Gel

*Bio-cleaner gel for sanitary and sensitive surfaces.
Non-toxic.*

A phosphate free cleaner designed for surface cleaning in environmentally sensitive areas. It dissolves algae, salts, light corrosion and other surface contaminations. The Green Gel can also be used as a preventive additive to reduce scaling in sanitary systems. Aquafarms, sanitary drain, sanitary tanks, gangways, grating and power plants. HOCNF certified, non-toxic and non-flammable.



Propeller Gel

Bio-cleaner gel for propeller blades. Non-toxic.

Non-toxic gel for cleaning of stainless steel and bronze metal propeller blades. Removes organic biofilm and light organic growth. Apply product with airless spray-gun. Wash off with HP steamer.



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in our new webshop.



Fluids

The NGP Fluid series offers environmentally friendly, certified cleaning solutions for various industrial applications, including marine, offshore, and onshore operations.

These products are non-toxic, biodegradable, and effective in removing grease, scale, and other contaminants from piping systems, stainless steel, and potable water systems. Key products include strong alkaline cleaners, bio-cleaner concentrates, descalers, and heavy-duty solutions, all of which are safe for discharge into marine environments and meet stringent regulatory standards.

HD Fluid NEW

A highly alkaline cleaning agent for degreasing and cleaning.

This powerful cleaning product is designed to remove even the toughest oil, grease, and dirt deposits, ensuring exceptional cleaning results. For optimal cleaning, it is recommended to mix 1-5 dl of NGP HD Fluid with 10 liters of water, depending on the degree of contamination.



Alkal Fluid NEW

Strong alkaline CIP product. Effective for grease removal in piping systems.

Alkal Fluid is a powerful, concentrated alkaline cleaner designed for demanding industrial and maritime cleaning tasks. It effectively removes grease, oil, and other stubborn contaminants from metal surfaces, including stainless steel. Safe for professional use in environments like food processing and heavy industry, it's engineered for optimal performance in CIP (Clean-In-Place) systems and manual cleaning applications.



Odin Fluid

*Certified bio-cleaner for potable fresh water systems.
Non toxic.*

Odin Concentrate is the original NGP product developed in 2011. Certified for flushing fresh water systems. Removes bio-film, bacteria, salts, humus and other deposits from the pipelines. Concentrated formula, dilutable with water. Recommended concentrations can be found on product data sheet. Odin Concentrate will kill 99.9% of the bacteria and efficiently remove any legionella and bio-film. HOCNF certified, non-toxic and non-flammable.



Marine Fluid

*Bio-cleaner concentrate for marine cleaning operations.
Dilutable with water form 20/80. Non-toxic.*

Highly effective for removal of organic growth on box coolers. The formula dissolves mussels, barnacles, shell and other sea growth that attaches itself to the box cooler surface. Marine Concentrate is also a great product to use in vacuum systems as it dissolves scaling without breaking the scale off in chunks. The formula is also used to remove scaling in plate heat exchangers with great effect. Concentrated formula, dilutable with water. Recommended concentrations can be found on product datasheet. HOCNF certified, non-toxic and non-flammable.



Valhall Fluid

*Heavy duty bio-concentrate for stainless steel, duplex
and super duplex. Non-toxic.*

Valhall Fluid is a concentrated, eco-friendly cleaning agent engineered for industrial pipe systems. It efficiently removes corrosion, biofilm, lime, and algae in fire lines, deluge systems, heat exchangers, and more. The water-based formula is HOCNF certified and biodegradable, making it ideal for environmentally sensitive applications across offshore and onshore industries.



Ultra Fluid

Heavy duty bio-concentrate for stainless steel, duplex and super duplex. Non-toxic.

Powerful, industrial strength concentrate developed for cleaning stainless steel, duplex and super duplex surfaces. Highly effective on most contaminations in pipes. Can be used and re-used as dipping in tray. Recommended to apply heat for most efficiency. HOCNF certified, non-toxic and non-flammable.



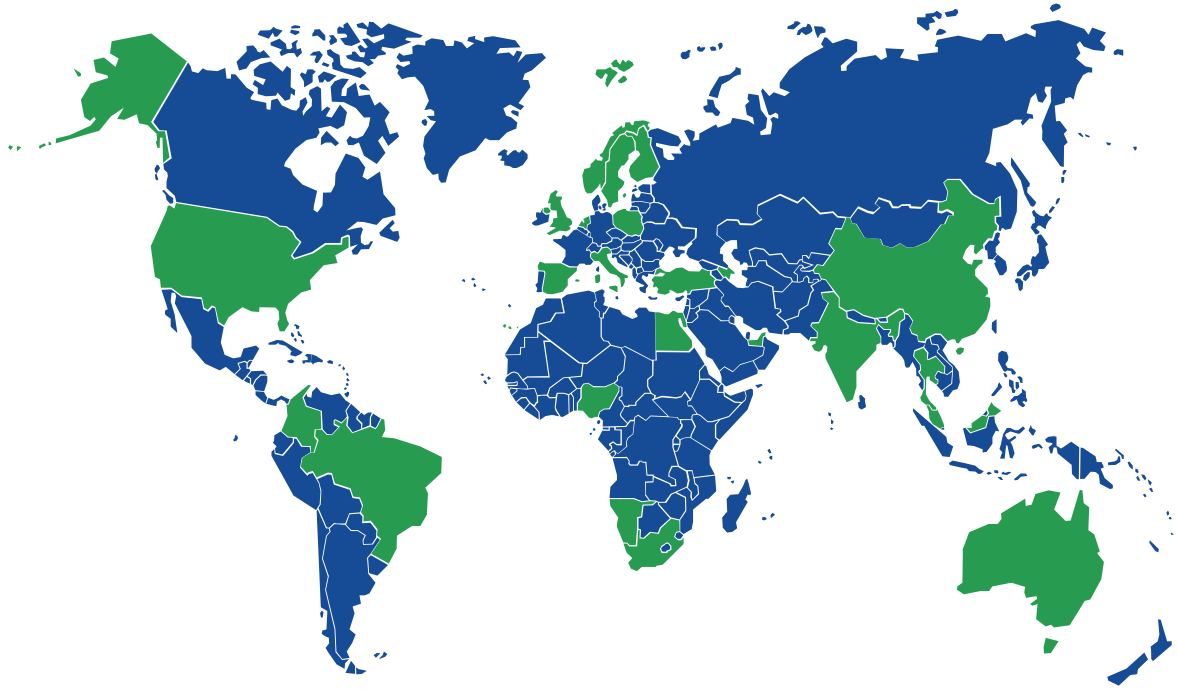
Rack Cleaner

Rack Cleaner is an acidic cleaner. Especially suitable for cleaning Hydroniq Coolers' Rack and pleat coolers.

Removes and dissolves marine growth, oxides (rust), salts, lime, algae etc. An environmentally friendly product without toxins. HOCNF certified and completely biodegradable.



Contact us



We are based in Norway and our service team operate Worldwide.

For more information or to schedule a service, please contact our team.

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