

MARINECLEAN 500 | BIODEGRADABLE MARINE HULL & SURFACE CLEANER

MarineClean 500 is a next-generation acid-free marine surface cleaner developed for boats, yachts, jet skis, marinas, and other equipment exposed to seawater. It is designed to remove algae buildup, salt crystallization, biofilms, light rust stains, mineral scale, and greasy contaminants while helping preserve surface integrity. Unlike conventional marine cleaners based on corrosive acids or chlorine compounds, MarineClean 500 provides effective cleaning with a surface-friendly and environmentally conscious approach. The product is suitable for both professional and recreational marine maintenance applications and is formulated to minimize ecological impact on marine environments.

Intended Use

The product is intended for the cleaning and maintenance of marine vessels, marina equipment, and seawater-exposed surfaces affected by salt deposits, organic buildup, environmental grime, light oxidation marks, and greasy residues. It is suitable for routine cleaning, restorative cleaning, and surface preparation before repainting or anti-fouling coating applications. It is designed for users seeking an acid-free and biodegradable marine cleaning solution for both vessel care and waterfront maintenance.

Application Areas

The product may be used for exterior hull cleaning of yachts, sailboats, motorboats, and jet skis. It is suitable for the removal of marine growth and slime lines from waterline areas, desalting and degreasing of bow, stern, deck, and underwater surfaces, and cleaning before repainting or applying anti-fouling coatings. It may also be used for restoring the appearance of oxidized or weathered hulls and for cleaning anchors, propellers, ladders, and underwater fittings. In marina and waterfront facilities, it is suitable for cleaning boat lifts, slipways, docking platforms, ramps, pontoons, buoys, shore-side structures, trailers, transport racks, and equipment exposed to seawater mist or brine air. It is also suitable for coastal resorts, boat rental businesses, port maintenance services, shipyards, yacht detailing, and mobile marine cleaning operations.

Product Advantages

The product effectively removes algae buildup, salt residues, biofilms, greasy contaminants, light rust stains, and mineral scaling from marine surfaces. Its acid-free structure supports safer use on sensitive marine

FOR MORE INFORMATION, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET



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materials compared to conventional corrosive hull cleaners. The formula is fully biodegradable and free from phosphates, phosphoric acid, hydrochloric acid, and formaldehyde derivatives, making it suitable for environmentally conscious marine cleaning programs and marina areas with strict runoff regulations. It helps maintain surface cleanliness while supporting appearance restoration on weathered and oxidized marine finishes. The product is suitable for gelcoat, fiberglass, painted aluminum, stainless steel, epoxy resins, chrome hardware, plastic trims, and rubber components when used as directed.

Directions for Use

Dilute the product with water between 1:1 and 1:5 depending on the degree of contamination. Apply directly to the surface using a sprayer, sponge, or brush. Allow the product to dwell for 5 to 10 minutes without letting it dry on the surface. Gently scrub if necessary, then rinse thoroughly with fresh water using a hose or pressure washer. Repeat the application where required for stubborn marine deposits or mineral scaling. Do not use under direct sunlight to avoid premature drying. Always test on a small inconspicuous area before first use on sensitive or specialty surfaces.

Physical and Chemical Properties

Appearance: Clear to slightly hazy liquid

Odor: Mild citrus, characteristic

Form: Liquid

Chemical Character: Acid-free

Foaming Level: Controlled

Solubility: Fully dispersible in water

Biodegradability: Fully biodegradable

Phosphate Content: Phosphate-free

Corrosive Acid Content: Free from phosphoric acid and hydrochloric acid

Surface Compatibility: Gelcoat, fiberglass, painted aluminum, stainless steel, epoxy resins, chrome hardware, plastic trims, and rubbers

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Packing

Available in a range of packaging options from 500 ml up to 20 L, depending on customer preference, product type, and filling requirements.

Storage Conditions

Store in the original, tightly closed container in a cool, dry, and well-ventilated place. Recommended storage temperature is 5–30°C. Protect from direct sunlight, frost, and excessive heat.

Safety Information

Use the product only as directed. Avoid contact with eyes and prolonged skin contact. Do not mix with other cleaning chemicals unless compatibility has been confirmed. Keep out of reach of children and unauthorized persons. Refer to the Safety Data Sheet (SDS) for detailed information on safe handling, storage, first aid measures, and disposal.

General Information

The information provided in this Technical Data Sheet is based on current knowledge and practical experience. It is intended as a general guideline for product application, handling, and storage, and does not constitute a guarantee of performance under all conditions of use.

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