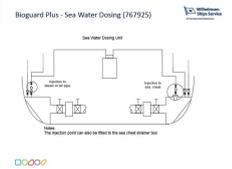


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# BIOGUARD PLUS 25 LTR

Product group: **653**    Product number: **778918**

NALFLEET™ Bioguard Plus™ is an effective anti-foulant and corrosion inhibitor for use in sea water systems.



## Product information

This product supersedes product no: **778846**

Bioguard Plus has been specially developed to prevent sea water (cooling) systems from being fouled by aquatic life forms such as mussels, barnacles and algae.

Because of its filming properties, the product also acts as a corrosion inhibitor and can be used in sea water cooling systems, intakes, filter boxes, static ballast tanks, stability trimming tanks and oil rig sea legs.

**\*\* IMPORTANT NOTE: \*\***

NALFLEET™ Bioguard Plus™ is not compatible with Bioguard™ or Antifoulant 9-321™. Holding tanks and dosing line must be flushed and cleaned with fresh water before commencing the application of NALFLEET™ Bioguard Plus™.

## Features

- Liquid treatment which is easy to use
- Extremely effective in the control of sea water fouling organisms
- Maintains heat transfer in systems and extends the periods between cleaning
- Biodegradable
- Suitable for all types of systems using sea water, both static and flowing

## Benefits

- Multi-system use
- Many applications covered by one product
- Reduces maintenance and down time
- Economic in use

## Specification

### General

<b>Invent Hazard Material (IMO/IU) classification</b>	C-7
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### Physical properties

<b>Appearance</b>	Pale Yellow
<b>Density [g/ml]</b>	0.97
<b>Form</b>	Liquid
<b>pH</b>	above 7

## Approvals

Norwegian Institute of Public Health - NIPH

[Bioguard-Plus-NIPH-Approval](#)

## Documents

[SDoC and MD for IHM](#)

[SDS-Nalco-73551-for-deliveries-in-USA-and-Canada](#)

[Nalco-73551—altenative-for-Bioguard-Plus-for-deliveries-in-USA-and-Canada](#)

[BioguardPlus-CEFAS-2024](#)

## Directions for use

NALFLEET™ Bioguard Plus has been specially developed to prevent sea water (cooling) system from being fouled by lower aquatic life forms like mussels, barnacles and algae. The dispersant in the product inhibits the colonisation of such organisms on metal surfaces. The filming characteristics will also provide anti corrosion properties. NALFLEET™ Bioguard Plus can be used in both static and flowing systems. Some application examples are: sea water systems, including seawater intakes; filter boxes

and piping; static ballast tanks; stability trimming tanks and oil rig sea legs.

### Dosage and control

For **Sea Water Cooling Systems** Dose 0.6 litre of NALFLEET™ Bioguard Plus for every 100 tons of sea water flowing through the system per hour. The system throughput is either to be determined from the rating of the pump(s) or from the system specifications. Treatment is necessary in coastal waters and should commence three days before entering these waters and continue for three days after leaving coastal waters. The calculated dose should be dosed over a one hour period and repeated every 48 hours. For **Static Ballast Tanks** Dose 1 litre of NALFLEET™ Bioguard Plus per 10 tons of water prior to ballasting, followed by a monthly dose of 2 litres per 100 tons. For **Trim Tanks, Oil Rig Sea Legs** and similar systems Dose 25 litres of NALFLEET™ Bioguard Plus per 100 tons of water and add the same for make up water.

**Dosing Method** The diagram attached shows a typical dosage layout. This can be modified to suit a particular situation. A chemical dosing pump, with or without alarm to be used. Although the product will gradually clean fouled systems, treatment should preferably be started with a clean system. The product can be dosed neat or if necessary diluted into fresh water to accommodate the dosing equipment. When changing over from any other product to NALFLEET™ Bioguard Plus, flush the entire dosing system thoroughly with fresh water.

### Related products

Is frequently bought together with

**571364**

VAPTREAT 25LTR

**571356**

ROCOR NB LIQUID 25 LTR

**698720**

AUTOTREAT - 25 LTR

**698712**

OXYGEN SCAVENGER PLUS 25 LTR

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