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# MAR-71 BIOCIDES (BOX: 3x 5 LTR)

Product group: **653** Product number: **735977**

Effective Biocide for Cooling and Lubrication Systems!

MAR-71 is a highly effective biocide designed to prevent and combat microbiological growth in closed cooling water systems. For USA: Use 7330 (Product no: 907004).



## Product information

This product supersedes product no: **613809**

Why Choose MAR-71?

Choosing MAR-71 offers several compelling benefits. It provides reliable microbial control, effectively combating microbiological growth to ensure the longevity and efficiency of your systems. Versatile in use, MAR-71 is suitable for both closed cooling water systems.

Trusted by industry professionals for its proven effectiveness and reliability, MAR-71 stands out as a preferred solution.

### Features

**Microbial Control:** Kills micro-organisms in closed cooling water systems **Corrosion Prevention:** Prevents corrosion caused by microorganisms. **Proven Efficacy:** No cases reported where bacteria have become immune to MAR-71. **HOCNF Registered:** Approved for use in the North Sea Offshore sector with yellow/gold classification. **Stable and Non-Depleting:** Ensures long-term effectiveness.

### Benefits

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## Specification

### General

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

<b>Appearance</b>	Colourless to yellow
<b>Density [g/ml]</b>	1.06
<b>Form</b>	Liquid
<b>pH</b>	10 in 0.15% solution

### Technical data

<b>Solubility in water</b>	Totally soluble
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## Approvals

Approved by The Norwegian Food Safety Authority

## Documents

[SDoC and MD for IHM](#)

## Directions for use

**Closed cooling water circuits** Especially when berthing for a longer period in harbours in warmer climates, the risk of infection of the cooling water systems with microorganisms is considerable. When this happens, acids are formed and at the same time, the nitrite based corrosion inhibitors present in the system will be eaten away by the bacteria resulting in underdeposit corrosion. Regular testing for the presence of bacteria in the cooling water by the use of "dip slides" is therefore strongly recommended. Between 0.5 and 1.5 litres/ton. MAR-71 should be added to contaminated systems. The system should be circulated for three days after which the complete contents of the cooling system is dumped. The system should also be thoroughly flushed with fresh water prior to refilling the system with (distilled) water and initial dosage of corrosion inhibitor to establish corrosion protection. The choice of inhibitor include, nitrite based inhibitors (Rocor NB Liquid, EWT 9-108, Nalfleet 2000), or organic based inhibitor (Cooltreat AL or Cooltreat ELC) can be used for initial fill and should follow the individual product application guideline. It is recommended to re-test for the presence of bacteria after the system has been in operation for 24 hours. The described procedure is to be repeated if necessary. For heavily contaminated systems and systems contaminated with scale/oil, it is recommended to acid clean and/or degrease the system prior to disinfecting

**Caution: During disinfecting, evaporators and other equipment which use cooling water and which are used in connection with the production of drinking water are not to be used.**

## Related products

### Accessories

**777336**  
AQUAGUARD CW DOSING SYSTEM

### Consumables

**568568**  
BACTERIA COUNT TEST (10 PCS)

Is frequently bought together with

**698712**  
OXYGEN SCAVENGER PLUS 25 LTR

**698720**  
AUTOTREAT - 25 LTR

**571364**  
VAPTREAT 25LTR

**571356**  
ROCOR NB LIQUID 25 LTR

**680843**  
COOLTREAT AL 25 LTR

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