Wilhelmsen Ships Service

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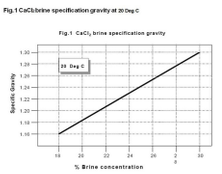
BRINE CORROSION INHIBITOR (PAIL: 25 LTR)

Product group: **653** Product number: **777044**

Superior Corrosion Protection for Brine Cooling Systems!



Brine Corrosion Inhibitor is a borate-organic corrosion inhibitor specifically designed for use in chloride brine closed re-circulating cooling systems. It provides effective corrosion protection for steel and most other metals in both low and high temperature systems without the need for additional supplements.

Product information

This product supersedes product no: **77337.11R, 79337.11U**

Why Choose NALFLEET™ Brine Corrosion Inhibitor?

Reliable Protection: Ensures comprehensive corrosion protection for all components of your brine cooling systems. User-Friendly: Formulated to perform effectively without the need for additional supplements. Versatile and Effective: Suitable for a wide range of systems, providing flexibility in application.

Trusted Performance: Preferred by industry professionals for its proven effectiveness and reliability.

Features

Specialised Formulation: Designed specifically for brine cooling systems. Multi-Metal Protection: Offers corrosion protection for a variety of metals.

Benefits

Versatile Application: Suitable for corrosion inhibition in various closed re-circulation systems, including diesel engines, compressors, centralised hot water heating systems, and auxiliary machinery cooling water systems. No Precipitation Issues: Can be used in chromate-containing systems without causing precipitation. Enhanced System Longevity: Protects against corrosion, extending the life of your cooling systems.

Specification

General

Suggested Inventory Hazard Material classification	C-7

Physical properties

Appearance	colourless to yellow
Density [g/ml]	1.16 to 1.19
Form	Colourless liquid
pH	11.5 - 14

Documents

Brine-Inhibitor-chart

SDoC and MD for IHM

Directions for use

The recommended dosage for Brine Corrosion Inhibitor is 17.5 litres per tonne of brine in the system. Brine Corrosion Inhibitor may be added directly to the system either neat or in a water dilution. Dilutions should be made with evaporated water. If a chemical dosing pump is used then pump and lines should be mild steel, stainless steel, Teflon, polyethylene, PVC, polypropylene or rubber.

Conversion from chromate Brine corrosion inhibitor is compatible with chromate. Systems with chromate need not be flushed before adding the product. Let chromate deplete naturally and maintain boron level at a minimum of 70ppm. Brine Corrosion Inhibitor should be fed slowly. Start feeding 5 to 10% of the total dosage at a time and watch for foaming. Gradually increase the feed rate. Brine Corrosion Inhibitor does not induce foaming at normal dose rates, but if it is fed too much too soon, foaming may occur. Feed lines and pumps should be mild steel, stainless steel, Teflon, polyethylene, PVC polypropylene or rubber.

Testing and Control Control Brine Corrosion Inhibitor as Boron at 70 - 100 ppm Note: Because the specific gravity of the brine varies with concentration, the resulting level of boron should be calculated as follows:

mg/L Boron/S.G. Brine* = ppm Boron ref. attached table

Related products

Accessories

777336
AQUAGUARD CW DOSING SYSTEM

Consumables

739466
SPECTRAPAK 309

Is frequently bought together with

680843
COOLTREAT AL (PAIL: 25 LTR)

571364
VAPTREAT (PAIL: 25 LTR)

571356
ROCOR NB LIQUID (PAIL: 25 LTR)

698720
AUTOTREAT (PAIL: 25 LTR)

698712
OXYGEN SCAVENGER PLUS (PAIL: 25 LTR)

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