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# BRINE CORROSION INHIBITOR 25 LTR

Product group: 653      Product number: 777044

NALFLEET™ Brine Corrosion Inhibitor™ is a borate-organic corrosion inhibitor especially designed for use in chloride brine closed re-circulating cooling systems.

## Product information

This product supersedes product no: 77337.11R, 79337.11U

Brine Corrosion Inhibitor provides effective corrosion protection for steel and most other metals in both low and high temperature systems and is formulated to perform without additional supplements. It can be used in chromate containing systems without causing precipitation.

### Features

- Formulated for brine cooling systems
- Multi metal corrosion protection

### Benefits

- Can be used to replace chromate technology

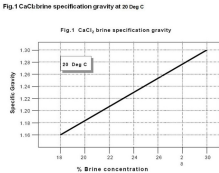
## Specification

### General

Invent Hazard Material (IMO/EU) classification	C-7
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### 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 NALFLEET™ Brine Corrosion Inhibitor is 17.5 litres per tonne of brine in the system. NALFLEET™ 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** NALFLEET™ 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. NALFLEET™ 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. NALFLEET™ 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 NALFLEET™ 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 25 LTR
- 571364  
VAPTREAT 25LTR
- 571356  
ROCOR NB LIQUID 25 LTR
- 698720  
AUTOTREAT - 25 LTR
- 698712  
OXYGEN SCAVENGER PLUS 25 LTR