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# OXYGEN SCAVENGER 25 LTR(9002)

Product group: **655** Product number: **777712**

NALFLEET™ Oxygen scavenger 9-002™ is a liquid oxygen scavenger based on Carbohydrazide.



## Product information

This product supersedes product no: **777030**

### Features

- Safe form of hydrazine specifically formulated to reduce handling problems associated with hydrazine solutions
- Does not add dissolved solids to the treated water
- Does not require special feeding equipment for safe application
- Maintains a protective surface layer of magnetite

### Benefits

- Economical in use
- Reduces corrosion of iron and copper, increasing system life and reliability
- Passivates metal in the boiler

## Specification

### General

Invent Hazard Material (IMO/IU) classification	C-9
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### Physical properties

Appearance	Pale Yellow
Density [g/ml]	1.015 to 1.030
Form	Liquid
Materials compatibility	Aluminium, Buna –N, EPDM, Hypalon, Neoprene, Polyethylene, Polypropylene, Polyurethane, Flasite 600q, Flasite 7122, PVC, Stainless Steel 304 (may discolour), Stainless Steel 316 (may discolour), Teflon, Vinyl Tubing, Viton
pH	8.0 to 9.0

### Technical data

Not Compatible	Brass, Carbon Steel, Nickel, Flasite 4005.
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## Documents

[SDoC and MD for IHM](#)

## Directions for use

NALFLEET™ Oxygen Scavenger 9-002 is used in feedwater and condensate systems to scavenge oxygen and maintain passive metal surfaces. It reacts with the oxide film on steel surfaces in a boiler system to form a magnetite layer which gives metal protection. This "passivation" technique is useful for pretreatment of new boiler plant and for protection of boilers during idle and storage periods.

### Dosing Method

NALFLEET™ Oxygen Scavenger 9-002 must be added continuously by means of a chemical pump at the earliest practicable point in the feed system e.g. the deaerator storage or condenser extraction pump discharge.

### Sampling and Testing

NALFLEET™ Oxygen Scavenger 9-002 may be used in all types of boilers operating at pressures up to 2700 psig but is particularly suitable for use at high pressure where oxygen corrosion becomes rapid and where the deposition of metallic corrosion products can quickly lead to overheating and failure of generating tubes.

### Dosing and Control

NALFLEET™ Oxygen Scavenger 9-002 can be fed neat or in any convenient dilution. Dilution should be carried out using condensate or de-aerated water. Polyethylene and stainless steel (type 304 & 316) are compatible materials for solution tanks and it is recommended that one or more layers of "Alplas" balls be used to minimise the reaction of NALFLEET™ Oxygen Scavenger 9-002 with air.

CARBOHYDRAZIDE (HYDRAZINE) TEST RESULT ppm						
<b>Boiler Pressure</b>	<b>Control Range</b>	<b>0-0.05ppm</b>	<b>0.05-0.20</b>	<b>0.20-0-.50</b>		
<18 to 31 bar	0.05-0.2 ppm	Increase dose 25%	Satisfactory Maintain dose	Decrease dose 25%		
31 to 42 bar	0.05-0.2 ppm	Increase dose 25%	Satisfactory Maintain dose	Decrease dose 25%		

## Related products

### Accessories

Test Kits for Hydrazine, P Alkalinity, Chloride and pH.

**555490**

SPECTRAPAK 312

**739490**

SPECTRAPAK 315

Is frequently bought together with

**680843**

COOLTREAT AL 25 LTR

**571364**

VAPTREAT 25LTR

**571356**

ROCOR NB LIQUID 25 LTR

**735977**

MAR-71 BIOCIDES 3X5L NOT IN USA&CAN

**638676**

EVAPORATOR DEFOAMER 4X5 LTR

**698720**

AUTOTREAT - 25 LTR

**777710**

NALFLEET 2000 25 LTR

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