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OXYGEN SCAVENGER 25 LTR(9002)

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

Protect Your Boiler Systems with Oxygen Scavenger 9-002



Oxygen Scavenger 9-002 is a highly effective liquid oxygen scavenger formulated with Carbohydrazide. Designed to protect your boiler systems, it ensures optimal performance and longevity.

Product information

This product supersedes product no: **777030**

Why Choose Oxygen Scavenger 9-002?

Choosing Oxygen Scavenger 9-002 means opting for enhanced safety, as it is formulated to reduce handling problems, making it a safer choice for your team. By preventing corrosion and maintaining system integrity, it helps avoid costly downtime and repairs, ensuring operational efficiency.

Industry professionals trust Oxygen Scavenger 9-002 for its proven performance in protecting boiler systems, making it a reliable and effective choice.

Features

Safe and Efficient: A safer alternative to hydrazine, reducing handling risks. **No Added Solids:** Keeps treated water free from dissolved solids. **Easy Application:** No special feeding equipment required. **Protective Layer:** Maintains a magnetite surface layer for enhanced protection.

Benefits

Cost-Effective: Economical usage ensures long-term savings. **Corrosion Reduction:** Minimises corrosion of iron and copper, extending system life. **Metal Passivation:** Effectively passivates metal surfaces within the boiler, enhancing reliability.

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						
Boiler Pressure	Control Range	0-0.05ppm	0.05-0.20	0.20-0-50		
<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 BIOCID (BOX: 3x5 LTR)
638676
EVAPORATOR DEFOAMER 4X5 LTR
698720
AUTOTREAT - 25 LTR
777710
NALFLEET 2000 25 LTR

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