



SF Marine s.a.r.l.

Le Panorama - Bloc A/B - 57, Rue Grimaldi MC - 98000 Monaco

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Water Treatment

Hardness Control

A dry powdered phosphate-based treatment used to precipitate calcium hardness as a non-adherent sludge. Hardness Control is a free-flowing white powder which is readily soluble in water. When Hardness Control is added to boiler water, under proper conditions it supplies the necessary phosphate to chemically react with calcium hardness to prevent the formation of calcium carbonate, sulphate and/or silicate scales. The reaction between calcium and phosphate produces a finely divided non-adherent sludge (calcium phosphate) which remains suspended in the boiler water and removed through blow-down.

Alkalinity Control

Highly concentrated liquid material used to supply alkalinity to boiler water for proper sludge formation and pH adjustment of cooling water and service water supply. When Alkalinity Control is added to boiler water, it supplies free hydroxide alkalinity in order to accomplish three things: to maintain a tough protective coating of iron oxide over the metal and thereby prevent certain types of corrosion; to provide a proper environment for precipitation of desirable sludge material; and, to keep silica in solution so as to avoid deposition of siliceous scales.

Boiler Coagulant

A less liquid colour blend of high molecular weight sludge conditioners. It is designed to prevent sludge depositions in steam boilers. Its usage is especially pertinent in boilers with feed water contaminated with oil. The solids and oils coagulated by Boiler Coagulant settle in low points of low pressure boilers where they can easily be removed by blow-down.

Oxygen Control H

An oxygen scavenger for corrosion control based on hydrazine hydrate and filming amines. Oxygen Control H is used in combination with Arboiler Water Treat for feed steam and condensate systems up to a pressure of 35 Bar. Oxygen Control H removes oxygen and converts the rust into a stable oxide in order to give effective passivation to the surfaces and corrosion inhibition to the boiler. Moreover, the amines content increases the pH in the steam/condensate lines and protects from corrosion also copper alloys

Oxygen Control S

An oxygen scavenger based on dry powder sodium sulphite blended with specialty selected catalyst which will effectively speed up the reaction of the sulphite with dissolved oxygen even at low temperatures. Oxygen Control S is the ideal oxygen scavenger for all water tube boilers operating below 60 atmospheres (850 psi) Even with the most modern de-aeration equipment, trace amounts of dissolved oxygen are left behind in the feed water. This dissolved oxygen will react with the boiler metal and the tubes to cause corrosion and subsequent failure. Oxygen Control S is controlled by the sulphite test. A free residual of 30 to 60 ppm is normally maintained in the boiler water. A standard iodometric titration is used for checking. These test units are available from your Arbochim Service engineer.



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Arboiler Water Treat

A watertight and lockable storage box with lid.

Dimensions: 114 x 82 x 70 cm. (W x H x D) – fits 36 inch doors on ships.

Total weight = 43 kg.

200 pcs. Pads 40 x 50cm. - Oil Only.

- 4 pcs. Oilbooms dia. 13cm. x 3 mtr. length - Oil Only.
- 6 pcs. Sweep 48cm. wide x 30.5 mtr. length - Oil Only.
- 6 pcs. Socks dia. 7.5cm. x 1.2 mtr. length - Oil Only.
- 50 pcs. Pads 40 x 50cm. – Universal.
- 2 pcs. Truck Pack – Oil Only.
- 2 pcs. Disposal bags big.
- 1 pc. Gloves – chemical resistant.
- 1 pc. Hand pump

Info:

According to the IMO resolution A535/13 and the Oil Pollution Act (OPA) of 1990 section 4202 it is recommended that vessels of 400 Ft (122 mtr) and less shall have sufficient equipment of sorbent materials to handle remove 7 barrels (1100 liters) of oil while larger vessels must be equipped to take care of 12 barrels (1900 liters) of oil.

In-land oil barges must be able to deal with at least 1 barrel (159 liters) of oil. These specially designed Oil Spill Response Kits contains oil adsorbents which are water repellent and are made of 100% Polypropylene. All products are costeffective and adsorb 10 to 25 times its own weight.

For your RFQ requests contact Maristella Bianco