



VAPPRO 844

VCI CORROSION INHIBITOR

Inhibits Ferrous Metals Against Corrosion In Sea Water

NATO STOCK NUMBER:
6850-32-080-3251

OVERVIEW

Vapro 844 hailed as a technical breakthrough in corrosion control, it is a revolutionary corrosion inhibitor that inhibits ferrous metals against corrosion in seawater. Vapro 844 protects metals in sea water with salinity up to 35 0/00 and with chloride content up to 19,000 ppm. It eliminates the dependence of using fresh water for hydrotesting of storage tanks and piping systems.

Hydrotest can now be carried out safely with sea water onboard ships, rigs, offshore equipment, pipes and storage tanks without experiencing the dire consequences of corrosion. Ballast tanks can now be protected without the need of using oil or solvent. Simply flood the ballast tank with sea water and add 0.1 percent of Vapro 844 by weight to the volume of sea water in the ballast tank.

Vapro 844 has found considerable application as a corrosion inhibitor in low concentrations and is effective in protecting ferrous metals against corrosion in sea water. It does not contain chromates or nitrites and is essentially non-toxic.

ADVANTAGES

- Effectively protects ferrous metals against corrosion in sea water with salinity up to 35 0/00 and with chloride up to 19,000 ppm.
- Free from Nitrites.
- Free from chromates.
- Eliminates the need of using fresh water for hydro testing without experiencing the dire consequences of corrosion.
- Low dosage.
- Essentially non-toxic.
- Economical.
- Does not contain ozone depleting substances.
- No other VCI corrosion inhibitor performs as effectively, reliably and consistently as Vapro 844





AREAS OF USE

- Hydroblasting, hydrostatic testing.
- Tanks, casing, pumps, valves.
- Tubulars and piping systems exposed to sea water.
- Ballast tanks.
- Cooling system using sea water.

PROCEDURE FOR INCORPORATING VAPPRO 844 VCI POWDER WITH HYDROTEST WATER

- Calculate the volume of the system to be hydrostatically pressure tested.
- Add Vapro 844 VCI powder to sea water at a dosage of 0.025 to 0.05% by weight depending on the salinity of sea water.
- Agitate the mixture for even dispersion.
- Carry out pressure test.



After 1500 hours
Mild steel immersed in sea water
with 0.05% of Vapro 844



After 1500 hours
Mild steel immersed in sea water
without Vapro 844

SPECIFICATIONS

Form
Powder

Appearance
White Powder

Solubility In Water
Yes

pH
6 (1% aqueous solution)

AVAILABLE PACKAGING

25 kg pail

For more information about the product or any technical support, please contact us or our authorized distributor:

Magna



HEADQUARTERS, SINGAPORE

Magna International Pte Ltd
10H, Enterprise Road, Singapore 629834.
Tel (65) 6788-1228
Fax (65) 6785-1497
Email info@magnachem.com.sg
Website <http://www.magnachem.com.sg>

NORTH AMERICA

1450 Government Road West
Kirkland Lake, Ontario P2N 2E9
Canada
Tel 1.416 479 9151
Fax 1.888 317 1993
Email magna@vapro.com



Certificate No: AJA00/2706

Magna and Vapro are registered trademarks of Magna International Pte Ltd.

Copyright 2006. The details of our products are given completely free of undertaking. Since their application lies outside our control, we cannot accept any liability for the results. User shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.