



ECO FRIENDLY
SUSTAINABLE
BIODEGRADABLE



VBCI Series- A class of environmentally friendly corrosion inhibitors for a cleaner, greener, better tomorrow.

Vapro VBCI-746

VCI Liquid Corrosion Inhibitor For Lay-Up of Marine Equipment

Passed German VIA (Vapour Inhibition Ability) Test TL 8135-002

NATO STOCK NUMBER: PENDING

Description

Vapro VBCI-746 is a water-based corrosion inhibitor blend, specially formulated to protect ferrous metals and equipment from corrosive environments. It provides both short and long-term protection of equipment in hostile environments.

The formulation of Vapro VBCI-746 ensures that the interior surfaces of metal equipment used in a variety of both gas and oil applications are protected. Such equipment includes, but is not limited to, engine cooling systems, heat exchangers, boilers, turbines, storage vessels and pipelines. Vapro VBCI-746 is able to prevent crevice corrosion due to its ability to envelope the target surface with a molecular barrier, which adheres strongly to the metal, disallowing the occurrence of oxidation. This feature finds considerable usage in situations like equipment lay-up, storage and hydrostatic testing. Vapro VBCI-746 does not contain any heavy metal, nitrites, phosphates, chromate or ozone-depleting substances.

Features & Benefits

- Nitrite Free and does not contain heavy metals, phosphates, chromate or ozone-depleting substances.
- RoHS Compliant.
- Low concentration effectiveness provides economical treatment.
- Readily water-soluble liquid for easy application.



Applications

- Prevent corrosion in storage tanks, and offshore platforms.
- Inhibitor for closed loop cooling systems. Hydrostatic solution, inhibitor for pipelines, pipeline casings, tanks, and valves.
- Protection of steam lines, condensate returns, heating and cooling systems.
- Preservation of equipment and piping systems that need to undergo hydrostatic testing prior to commissioning
- Preservation of Boilers and Heat Exchangers Pulp and paper process equipment.
- Mines, mining and earth moving equipment.



Directions For Use

Application

Ensure that target surface is clear from substances like oil, dirt, grease and rust. For introduction into equipment systems like pipelines, storage vessels, heat exchangers and boilers, conduct the fogging of **Vapro VBCI-746** into voids present within the system.

If necessary, spray additional **Vapro VBCI-746** into the interior at an appropriate amount with respect to the size and space requiring protection. These actions will ensure overall protection of the entire system, including any minute crevices which may be present as well.

After application, seal all external access to the system interior to achieve optimal protection.

Usage Amount

Add **Vapro VBCI-746** corrosion inhibitor to potable water at a dilution ratio ranging from 1:11 to 1:20, depending on strength and concentration desired.

When conducting hydrostatic testing, a ratio of 1:20 of **Vapro VBCI-746** corrosion inhibitor to hydrostatic test water should be used. Ensure that the vessel is drained as thoroughly as possible and seal openings securely upon conclusion of hydrostatic testing. As for 1:11 dilution ratio may also be used for long-term protection, for periods of up to 2 years.

Coverage:

Approx. 21 sq.m/litre

Typical Properties

Appearance

Clear to tinted liquid

Odour

None

Viscosity

Free Flowing

pH

11± 0.5

Specific Gravity

1.1 ±0.05

Flash Point

None

Colour

Light Yellow

Thaw stability

Stable

Available Packaging

20 litres pail / 200 litres drum

Magna

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