



VAPPRO VCI-849 I.V. WATER SOLUBLE VCI POWDER

NATO STOCK NUMBER:
PENDING
Conforms to MIL-I-22110C

OVERVIEW

Vapro VCI-849 is a water-soluble V.C.I. powder with superior corrosion inhibitor for wet or dry corrosion protection of ferrous metals and aluminum.

Vapro VCI-849 offers low dosage effectiveness as a treatment for closed loop cooling system, hydrotesting and wide variety of marine process applications.

AREA OF USE

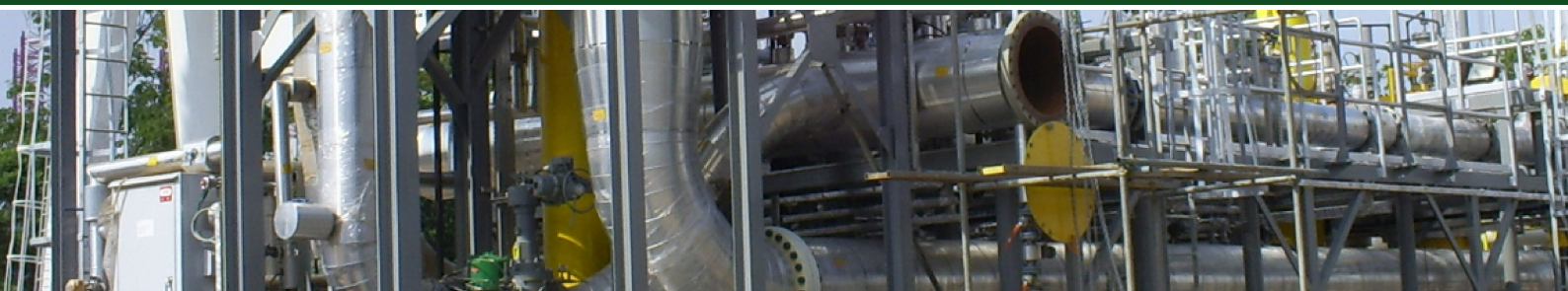
- Vapro VCI-849 powder is used for wet protection of internal cavities and voids that can be covered or closed after application.
- For protection of closed loop cooling systems-dry lay-up.
- For protection of pipes and equipment during hydrostatic testing.
- For protection of tubular structures, pipes, heat exchangers, tanks, vessel etc.

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

ADVANTAGES

- Wet corrosion protection.
- Low dosage, provides economical treatment.
- Water soluble for easy application.
- Provides effective corrosion protection against aggressive attack from chloride, salt water and other dissolved halogens.
- Biodegradable.
- Does not contain phosphates, chromates or other heavy metals.





METHOD OF APPLICATION

WET APPLICATION

Vapro VCI-849 should be added at 0.75% by weight of water for severe applications and 0.25% by weight of water for less corrosive environment.

DRY APPLICATION

Applying powder by dusting, fogging or sprinkling. After application seal all vents.

Fogging can be achieved by using a low pressure air hose and sandblast cup.

For powder application, use 9 to 10 grams of VAPPRO VCI-849 per cubic foot (28 litres) of enclosed space. The dosage can be increased as needed for more severe conditions.

METHOD OF REMOVAL

When required, VAPPRO VCI-849 in powder form can be easily removed by using a low pressure air gun or by a water rinse.

SPECIFICATIONS

Appearance

Pearl White Powder

Melting Point

260 °C

Real Density

2.17

pH at 1% solution 20 °C

7.5

H₂O wt. %

> 0.05

AVAILABLE PACKAGING

25 kg & 100 kg Drum

Magna

Magna International Pte Ltd

10H, Enterprise Road,
Singapore 629834.

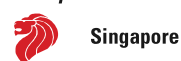
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