



VAPPRO VCI-849

WATER SOLUBLE VCI POWDER

NATO STOCK NUMBER:
6850-32-081-2158
Conforms to MIL-I-22110C

OVERVIEW

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

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.

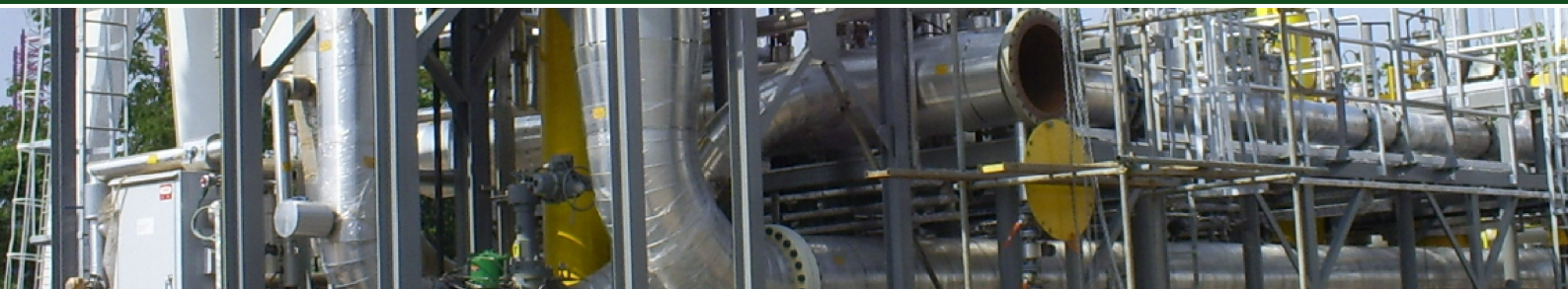
AREA OF USE

- Vapro VCI-849 V.C.I 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.

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.
- Easily dissolved in water after application.
- VCI layer does not need to be removed prior to processing or use.





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

pH at 1% solution 20 °C

11

H₂O wt. %

> 0.05

AVAILABLE PACKAGING

25 kg & 100 kg Drum

Magna

Magna International Pte Ltd

10H, Enterprise Road,
Singapore 629834.

Tel (65) 6786-2616

Fax (65) 6785-1497

Email info@magnachem.com.sg
info@vapprovci.com

Web http://www.vapprovci.com

Headquarters



Singapore

Regional Offices



Australia



Canada

Follow us on social media for regular updates and news.



<https://www.facebook.com/vapprovci/>
<https://www.facebook.com/MagnaInternationalPteLtd/>

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.



Copyright 2018. Magna International Pte Ltd.
Magna, Vapro VCI and Vapro VBCI are registered trademarks of Magna International Pte Ltd.