



# VAPPRO 849 I.V. WATER SOLUBLE VCI POWDER

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

## OVERVIEW

Vapro 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 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 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.





## METHOD OF APPLICATION

### WET APPLICATION

Vapro 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 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 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

**H<sub>2</sub>O wt. %**  
> 0.05

## AVAILABLE PACKAGING

25 kg & 100 kg Drum

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



### HEADQUARTERS, SINGAPORE

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



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

Copyright 2007. 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.