



Before Applying Vapro 812



After Applying Vapro 812

- ✓ Safe for Humans, Environment and Metals
- ✓ No Rinsing or Neutralization Required

NATO STOCK NO. : 6850-32-082-7738

# VAPPRO VCI-812

**MRST**<sup>®</sup> Molecular Reaction Surface Technology

*A Revolutionary Organic Neutral pH Rust Remover & Flash Rust Inhibitor*

## DESCRIPTION

Vapro VCI-812 is a revolutionary organic neutral pH rust remover that effectively removes rust and tarnish from both ferrous and non-ferrous metals by chelating the ferrous ions from the surface of metal.

Unlike conventional rust removers, which are corrosive, dangerous to use, handle and store, Vapro VCI-812 is biodegradable and is safe for humans, environment, metals and does not cause any hydrogen embrittlement.

Vapro VCI-812 is 100% organic and is an excellent replacement for conventional rust removers where chemical waste disposal has to be observed. It does not require rinsing with water or neutralization after application.

## SPECIAL FEATURES

- Safe for humans, environment and metals.
- Effectively cleans and removes rust from both ferrous and non-ferrous metals.
- Non-polluting to environment.
- Does not harm skin.
- Non-Flammable.
- Completely organic.
- Fortified with corrosion inhibitor to prevent flash rusting.
- No rinsing required or neutralization required.
- Safe-to-handle, use and store.
- Biodegradable.
- Odorless.
- Colorless.
- Effectively loosens rust-seized parts.
- No neutralization with alkaline solution required.
- Does not cause any hydrogen embrittlement.
- Listed on NATO MCRL (Master Cross Reference List).



## TYPICAL PROPERTIES

---

**COLOUR**

Colorless

**APPEARANCE**

Free Flowing Liquid

**pH**

7

**ODOUR**

Odourless

**VISCOSITY**

Free Flowing

**FLASH POINT**

Non-Flammable

**SPECIFIC GRAVITY**

1.04

## APPLICATIONS

---

- Cleaning of Heat Exchanger Tubes.
- Loosens rust-seized parts or components.
- In-process rust removal for components, parts and equipment.
- For removal of rust before spray painting.
- In-process rust removal of automotive parts and components.
- In-process rust removal of pipes and pumps.
- For removing rust from marine structures.
- In-process cleaning of piping systems for Marine, Shipping, offshore and Oil Industries.

## DIRECTIONS OF USE

---

- Light rust : Brush or spray.
- Heavy rust: Soak parts into Vapro VCI-812 for 15 to 30 minutes.

## PACKAGING

---

- 20 liters HDPE Pail.
- 209 liters HDPE 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**



**Regional Offices**



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.