



ECO FRIENDLY  
SUSTAINABLE  
BIODEGRADABLE



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

VBCI OIL & COATING SERIES

# Vapro VBCI-600 PRO-DISC

## Non-slip Safety And Corrosion Protection To Brake Disc

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

NATO STOCK NUMBER: 6850-32-076-1161

### Introduction

Over the last few years, Magna has elevated the concept of environmental awareness to the level of a corporate mission. That is why we took the initiative in researching ways to manufacture water based VBCI inhibitors and coatings. This gave us a head start in time and knowledge that has enabled us to help reduce / replace the current number of solvent-based products in our product range. Choosing a water based anti-corrosion coating need no longer be a trade-off between performance and environmental issues.

In fact, a key priority now is ensuring safety, health and environmental concern while meeting desired performance.

Magna, a market leader in Vapour Bio Corrosion Inhibitors is now offering a range of VBCI water borne systems with similar performance to that which you have come to expect from conventional solvent borne systems.

### Description

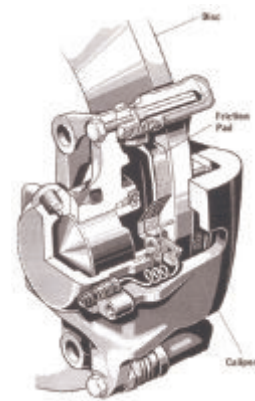
Vapro VBCI-600 Pro-Disc water based coating offers an unique product combining non-slip safety and the well-known Vapro VBCI Corrosion Protection.

Vapro VBCI-600 Pro-Disc imparts non-slip properties to the Brake Disc and effectively protects it from corrosion. It was specially developed to protect Brake Disc from corrosion during storage or mothballing of Military vehicle without affecting the braking efficiency of the vehicle.

Vapro VBCI-600 Pro-Disc is a fast drying, free flowing white emulsion liquid, when dry, forms a tough, durable non-slip coating on the Brake Disc enhancing safety while protecting the substrate.



This Dry-to-touch film offers excellent ultraviolet resistance and gives optimal outdoor performance without cracking or chipping upon prolonged exposure to sunlight.



A member of



## Features

- Excellent Slip Resistance
- Fast Drying
- Excellent Wear Resistance
- Ozone And Environmentally Friendly
- Very Low VOC
- Ease Of Application
- Non-Flammable
- Biodegradable
- Excellent Salt Spray Resistance
- Multi-Metals Protection
- Needs minimal surface preparation, can be applied on damp surfaces
- Non-Toxic, No Hazardous Or Noxious Fumes
- Excellent Inter-Film Adhesion

## Specifications

### Appearance

White, transparent colourless liquid

### Odour

Almost odourless

### Viscosity

Free Flowing

### pH

8 ± 0.5

### Boiling Point

ca 100°C as water

### Melting Point

N.A.

### Vapour Pressure at 20°C

23 mbar as water

### Relative Density at 20°C

1.04 g/cm<sup>3</sup>

## Specifications

### Flash Point

N.A.

### Softening Point

N.A.

### Flammability

N.A.

### Explosive Limit

N.A.

### Oxidizing Properties

N.A.

### Solubility

Miscible In Water

### Viscosity at 25°C

75 mPa.s Brookfield

**Magna**

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