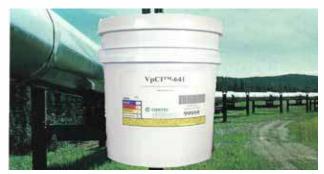


# **VpCI®-641**



### **PRODUCT DESCRIPTION**

VpCl-641 liquid is a water-based, rust preventive additive for the protection of ferrous and non-ferrous metals in industrial waters. VpCl-641 is non-toxic, environmentally safe, and does not contain nitrite or phosphate inhibitors. Based on all organic components, VpCl-641 has the ability to protect at extremely low concentration levels. It is safe, economical to use, and easy to dispose of.

VpCl-641 contains a combination of contact and vapor phase corrosion inhibitors capable of protecting even partly filled spaces.

# **FEATURES**

- Non-flammable
- Non-toxic
- Contains no nitrites or phosphates
- Environmentally friendly
- Effective in low concentrations
- Economical
- Readily soluble in water
- Provides protection in wide temperature range (up to 203°F (95°C)

### **METALS PROTECTED**

- Carbon steel
- Stainless steel
- Aluminum
- Copper
- Brass

# **TYPICAL APPLICATIONS**

VpCl-641 is formulated to protect metals from corrosion caused by fresh water. The most typical application is addition of VpCl-641 to water during hydro testing. In some cases it can be utilized in cooling systems filled with fresh water. Use calcium free water if clearness of solution is desired.

For long-term post application protection, please use in combination with VpCl powders. For dosage rate consult Cortec representative.

# **PHYSICAL PROPERTIES**

Appearance Slightly hazy off-white liquid

pH 7-8.5 (neat) Non-volatile Content 24-37%

Density 8.5-8.7 lb/gal (1.02-1.04 kg/l)

## **PACKAGING**

VpCI-641 is available in 5 gallon (19 liter) plastic containers, 55 gallon (208 liter) metal drums, liquid totes, and bulk.

### **CONDUCTIVITY CHART**

Sample	Concentra- tion	Conductivity with DI water	Conductivity with RO water
VpCl-641	250 ppm	~26 µS	~30 µ\$
VpCl-641	500 ppm	~45 µS	~50 µ\$
VpCI-641	1000 ppm	~84 µS	~89 µ\$
DI water	N.A.	~3 µS	N.A
RO water	N.A.	N.A.	~6 µ\$



# FOR INDUSTRIAL USE ONLY KEEP OUT OF REACH OF CHILDREN KEEP CONTAINER TIGHTLY CLOSED NOT FOR INTERNAL CONSUMPTION CONSULT SAFETY DATA SHEET FOR MORE INFORMATION

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