



VpCI® METALWORKING PRODUCTS



VpCI®-337 / GE / Winterized



PRODUCT DESCRIPTION

VpCI®-337 is a ready-to-use waterborne corrosion inhibitor used primarily for robust preservation of internal void spaces. Vapor phase Corrosion Inhibitors (VpCI®) in VpCI®-337 migrate to protect metal surfaces resulting in time and cost savings. When combined with labor-saving techniques, minimum amount of product can be used to protect large areas or volumes. VpCI-337 is effective on multiple metals.

VpCI®-337 is a combination of contact and vapor corrosion inhibitors, which allows a wide range of uses; from low-dose void-space protection to steel coil edge spray.

Pipes, tanks, and other equipment protected by VpCI®-337 are ready-for-use or commissioning, often without the need for removal*. VpCI®-337 is completely water-soluble allowing ease of use for pigging, purging, or other existing processes. No degreasing or stripping is necessary. The metal will retain a clean and rust-free surface. In most cases, the thin protective film will not affect paint processes, conductivity, appearance, or any other important property of metals or alloys.

VpCI®-337 Winterized has a lower freezing point for the convenience of application and storage in cold temperatures.

VpCI®-337 GE is specially formulated to be used in systems that are sensitive to sodium and sulfur.

**Please review your application with Cortec® Technical Service prior to commissioning.*

FEATURES

- Biodegradable (87% biodegradation in 28 days)*
- Contains vapor and contact corrosion inhibitors which provide multi-metal corrosion protection
- Leaves a thin, self-healing film
- Ready-to-use
- Protection is immediate, convenient to apply, and easy to remove if required

*Biodegradability applies to VpCI®-337 only

TYPICAL APPLICATION

- Pipe, spool, modules
- Void space protection
- Edge spray for coils
- Double wall spaces
- Complex internal cavities
- Deep storage of key assets

METALS PROTECTED

- Hot/cold-rolled steel
- Silicon steel
- Stainless steel
- Cast iron
- Zinc
- Aluminum
- Copper
- Brass



TYPICAL PROPERTIES

VpCl®-337/VpCl®-337 GE

Appearance	Clear to hazy amber liquid
Carrier	Water
Film Type	Thin, soft film
Flash Point	>200 °F (93 °C)
Freeze Point	32 °F (0 °C)
pH	7.2-9.0 (neat)
Weight per Gallon	8.7-8.9 lb/gal (1.04-1.06 kg/l)

VpCl®-337 Winterized

Appearance	Clear amber liquid
Carrier	Water + Propylene Glycol
Freeze Point	-47.2 °F (-44 °C)
pH	7.0-8.6 (neat)
Weight per Gallon	8.8-9.2 lb/gal (1.05-1.10 kg/l)

Note: Product may become hazy after a few days.

APPLICATION

Mix thoroughly prior to application.

Fog or mist into containers, boxes, crates, and shrouded packages at a rate of 0.5-1.0 oz./ft³ (0.5-1.0 L/m³) of enclosed space. Always spray VpCl®-337 uniformly within enclosure and allow direct access of vapors to metal surfaces to be protected.

Please contact Cortec® Technical Service for specific dosing and equipment recommendations, and for application guidance.

PACKAGING AND STORAGE

VpCl®-337 and VpCl®-337 GE are packaged in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, totes, and bulk.

Minimum storage temperature: 40 °F (4 °C)
Maximum storage temperature: 120 °F (49 °C)

VpCl®-337 Winterized is packaged in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, totes, and bulk.

Minimum storage temperature: -40 °F (-40 °C)
Maximum storage temperature: 120 °F (49 °C)

Shelf life: 24 Months

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

LIMITED WARRANTY

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