Corrosion is an incredibly destructive force facing everyone who works with metal. In the United States alone corrosion costs industry, and ultimately the consumer, over 350 billion dollars. But that’s only part of the story. Many corrosion protection methods employed are less than effective, and worse, are inherently damaging to the earth’s environment.

In 1977, as a fledgling company working out of a garage in St. Paul, Minnesota, we had a vision to effectively combat the devastating effects of corrosion, while at the same time creating environmentally friendly alternatives to existing methods of corrosion protection. Through commitment, hard work, and extensive research and development we pioneered the application and distribution of VpCI® (Vapor phase Corrosion Inhibiting) technologies. We’re producing a full line of multifunctional products that promise unparalleled benefits to you, our customers.

Through the years, Cortec® Corporation has grown to become the world’s leader in corrosion protection technology. But regardless of how large we become, the vision and commitment we began with in that little garage will always remain: to provide corrosion protection to help you increase profits, improve product quality and reduce waste and pollution.

The way we look at it, being a world-leader in VpCI® Technology has its responsibilities.

VpCI® Technology

Ionic Action of VpCI® Creates a Molecular, Inhibiting Layer.

VpCI®:
- Vaporizes.
- Conditions enclosed atmosphere with a protective vapor.
- Vapor migrates to all recessed areas and cavities.
- Vapor condenses on all metal surfaces.
- Ions dissolve in moisture layer (water electrolyte).
- Protective ions are attracted to metal surfaces.
- Ions form a thin, monomolecular protective layer at the metal surface.
- Protective layer re-heals and self-replenishes through further condensation of the vapor.

Visit us at www.corticvci.com
For technical information call (800) 4-CORTEC
Health, safety and pollution control.
Cortec’s formulations, using the newest chemical technology available, help alleviate your concerns in the areas of health, safety, flammability and pollution control.

Multimetal protection.
A full range of corrosion inhibitors are available to protect ferrous and non-ferrous metals, including formulations that protect combinations of metals.

Short- and long-term protection.
There’s a Cortec® solution whether you need temporary protection during in-plant processing, medium-term protection for shipment and storage or extended protection for a variety of environmental conditions. Now you can effectively protect your metals and products against humidity and aggressive atmospheres as well as against corrosive industrial, marine and tropical atmospheres.

Protected parts are immediately ready for use.
The protective invisible layer deposited by Cortec® Vapor phase Corrosion Inhibitors (VpCIs) needs no removal. In many cases, degreasing, scraping, cleaning or further preparation is not necessary before processing, installation or use. Your VpCI® protected components, parts and finished assemblies are always ready for immediate use.

Does not alter most material properties.
In the majority of cases, the invisible protective ionic layer of Cortec® VpCIs does not alter important surface properties. This is true even for precision electronic devices where conductivity, permittivity and dimensional tolerances are crucial.

For tiny electronic devices to tanker holds.
Cortec® VpCIs protect any size product — from printed circuit board components in processing, or parts stored in a small box, to large transport container shipments.

More Effective Corrosion Inhibitors

Cortec® Corporation of St. Paul, MN is the world’s largest manufacturer of VpCI® (Vapor phase Corrosion Inhibitor) chemical products. In addition to excellent customer service and satisfaction, Cortec® has ISO 9001 and 14001 certifications- standards which reflect a dedication to quality and environmentally safe systems.

Visit us at www.cortecvci.com
For technical information call (800) 4-CORTEC
**Emitter System Features**

- Multi-metal protection
- Adhesive backing allows fast, no-tool installation
- Does not require removal prior to start-up
- Protects during equipment operation
- No surface preparation required
- Multi-functional protection: VpCI®, static dissipating and desiccant ability
- Compact space-saving design suitable for OEM applications
- Complies with Southern California Clean Air Act and other local environmental requirements
- Provides continuous long-term corrosion protection
- Economical
- Effective in polluted and humid atmospheres
- Non-toxic and safe to handle
- Free of nitrites, silicones and phosphates
- The molecular VpCI® layer does not interfere with electrical, optical or mechanical surface properties

---

**Eco Emitter®**

- Eco Emitter® constructed from biodegradable and renewable materials.
- Eco Emitter® protects 9 cubic feet.
- One way Tyveck release membrane.
- Non-toxic.
- Easy installation.
- No residue.

**VpCI® Foam Device 101**

- Patented VpCI® impregnated foam device.
- Continuous corrosion protection
- Non-toxic
- NSN# 6850-01-338-1392
- USDA approved

**VpCI® Emmitter Cup 105/111**

- One way Tyveck® release membrane
- Nitrite, silicone and phosphate free
- Economical, long lasting protection
- Non-toxic
- Easy installation
- No residue
- 105: NSN# 6850-01-406-2060
- 111: NSN# 6850-01-408-9025

*Tyveck® is a registered trademark of DuPont Worldwide

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
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</thead>
<tbody>
<tr>
<td>1500007</td>
<td>1 ft³ (0.3 m³)</td>
<td>Emitter</td>
</tr>
<tr>
<td>15000092</td>
<td>5 ft³ (1.52 m³)</td>
<td>Emitter</td>
</tr>
<tr>
<td>15000386</td>
<td>11 ft³ (3.35 m³)</td>
<td>Emitter</td>
</tr>
</tbody>
</table>

**Corrosorber®**

- Absorbs corrosive gases
- Irreversible reaction
- Non-toxic
- Superior performance against hydrogen sulfide
- Changes color as it is used up
- Quick installation

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>15001333</td>
<td>11 ft³ (3.35 m³)</td>
<td>Emitter</td>
</tr>
</tbody>
</table>

**VpCI®-125 Static Disipative Bag**

- VpCI® impregnated film
- Excellent corrosion protection
- Superior dissipative qualities
- MIL SPEC# B-22020C Type II
- MIL SPEC# B-81705C Type II
- MIL SPEC# PRF-817050C
- USDA approved
- Custom

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
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<tr>
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</tr>
<tr>
<td>15000386</td>
<td>11 ft³ (3.35 m³)</td>
<td>Emitter</td>
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</tbody>
</table>

**Desicorr®/Desicorr VpCI®**

- Desiccor VpCI® offers dual VpCI® protection
- Both have desiccant protection
- Non Toxic
- No degreasing or cleaning or part required.
- MIL-D-3464E
- Type I & Type II

* Available in custom sizes please contact Cortec® Customer Service
* All products are available in stock unless otherwise noted as custom.

Visit us at [www.cortecvci.com](http://www.cortecvci.com)
For technical information call (800) 4-CORTEC
ElectriCorr® VpCI® Products

General Applications:

- Electrical panels
- Electronic enclosures
- Tool and spare part boxes
- Electromechanical controls
- Switch gear and relay cabinets
- Marine, aerospace and military instruments
- Light fixtures, monitoring and alarm systems
- Junction fuse boxes and wire ways, bus bars
- Computers and telecommunications equipment
- Control panels for manufacturing equipment
- Scientific instruments
- Many more!

ElectriCorr® VpCI®-238 Cleaner/Protectant

- Instant corrosion/oxidation protection
- No CFC’s
- Displaces moisture
- Anti-static
- 2 year indoor protection
- NSN# 6850-01-413-9361

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
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</thead>
<tbody>
<tr>
<td>35661104</td>
<td>9.45 oz.</td>
<td>Aerosol</td>
</tr>
<tr>
<td>16900304</td>
<td>5 gal.</td>
<td>Pail</td>
</tr>
<tr>
<td>16900305</td>
<td>55 gal.</td>
<td>Drum</td>
</tr>
</tbody>
</table>

ElectriCorr® VpCI®-248 Non-Flammable Cleaner/Protectant

- Non-flammable
- Does not alter electrical resistance
- Protects electronic and electrical contacts
- Fast drying
- Non-conductive
- Excellent cleaning action

Part # Size Type
35602516 9.45 oz. (0.28 l.) Aerosol

ElectriCorr® VpCI®-248 Non-Flammable Cleaner/Protectant

- Instant corrosion/oxidation protection
- Non-flammable
- Does not alter electrical resistance
- Protects electronic and electrical contacts
- Fast drying
- Non-conductive
- Excellent cleaning action

Part # Size Type
35602516 9.45 oz. (0.28 l.) Aerosol

ElectriCorr® VpCI®-238 Non-Flammable Cleaner/Protectant

- Instant corrosion/oxidation protection
- No CFC’s
- Displaces moisture
- Anti-static
- 2 year indoor protection
- NSN# 6850-01-413-9361

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<tr>
<th>Part #</th>
<th>Size</th>
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<tbody>
<tr>
<td>35661104</td>
<td>9.45 oz.</td>
<td>Aerosol</td>
</tr>
<tr>
<td>16900304</td>
<td>5 gal.</td>
<td>Pail</td>
</tr>
<tr>
<td>16900305</td>
<td>55 gal.</td>
<td>Drum</td>
</tr>
</tbody>
</table>

ElectriCorr® VpCI®-286 Conformal Coating

- Conforms to surface
- Continuous corrosion protection
- Fast drying
- No VOC’s
- UV indicator
- Vibration resistant
- Extends board life

Part # Size Type
35660423 12 oz. (0.35 l.) Aerosol
12503065 5 gal. (18.93 l.) Pail
12503066 55 gal. (208.2 l.) Drum

EnviroSafe Contact Cleaner

- Removes oil, grease and dirt
- No residue
- Non-flammable
- Professional use only

Typical Applications:
- Alternative to 141b
- Electrical equipment
- Relays and switches
- Controls

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>36211122</td>
<td>15 oz (425 g.)</td>
<td>Aerosol</td>
</tr>
</tbody>
</table>

Universal Contact Cleaner

- Fast drying, general purpose cleaner
- Plastic safe
- Deep penetration
- Not for use on energized equipment
- No CFC, HCFC or ODP

Typical Applications:
- Electrical equipment
- Motor parts and brushes
- Relays and switches

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>36211118</td>
<td>9 oz (255 g)</td>
<td>Aerosol</td>
</tr>
</tbody>
</table>
## Cortec® VpCI® Industrial Cleaners

### Features
- VpCI® enhanced
- Non-corrosive
- High performance based degreasers
- Non-chlorinated
- Safe handling
- Non-conductive
- Biodegradable alternatives
- No TCE
- No HCFC’s
- Eliminates disposal problems

### CorrClean VpCI®-415 Water-based Foaming Cleaner
- Biodegradable
- Water-based
- Superior foaming action
- Rinses clean
- Safe on all surfaces
- Prevents Corrosion
- Conforms to MIL SPEC# MILPRF-87937C

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>36102569</td>
<td>18 oz. (0.53 l.)</td>
<td>Aerosol</td>
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<tr>
<td>11603961</td>
<td>5 gal. (18.93 l.)</td>
<td>Pail</td>
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<tr>
<td>11603962</td>
<td>55 gal. (208.2 l.)</td>
<td>Drum</td>
</tr>
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</table>

### CorrClean VpCI®-411 Citrus Cleaner
- Industrial strength citrus based degreaser
- Non-conductive
- Cuts grease and oil
- Ideal for adhesives and tar
- No chlorinated solvents
- Controlled evaporation

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
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<tbody>
<tr>
<td>36161137</td>
<td>11 oz. (0.32 l.)</td>
<td>Aerosol</td>
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<tr>
<td>11603506</td>
<td>5 gal. (18.93 l.)</td>
<td>Liquid</td>
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<tr>
<td>11603507</td>
<td>55 gal. (208.2 l.)</td>
<td>Liquid</td>
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### CorWipe® 300 & 500 Cleaner/Degreaser
- Anti-Stat(500)
- Removes surface rust
- Corrosion inhibitor for multimeals
- Disposable

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
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<tbody>
<tr>
<td>36161110</td>
<td>25 Ct. Container</td>
<td>500 Wipe</td>
</tr>
<tr>
<td>36161092</td>
<td>72 Ct. Container</td>
<td>300 Wipe</td>
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</tbody>
</table>

### CorrClean Brake and Parts Cleaner
- Non-chlorinated
- No residue
- Non-conductive
- Aggressive degreasing properties
- Fast evaporation

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
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<tbody>
<tr>
<td>36221003</td>
<td>15 oz. (0.44 l.)</td>
<td>Aerosol</td>
</tr>
<tr>
<td>36222601</td>
<td>1 gal. (3.79 l.)</td>
<td>Liquid</td>
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</tbody>
</table>

### Safe-T-Charge Pressure/Ultrasonic Parts Washer Additive
- Aggressive water based cleaner
- Safe handling in water soluble bags
- No measuring
- Low foaming
- Excellent flash corrosion resistance
- Biodegradable

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
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<tbody>
<tr>
<td>11602316</td>
<td>417 Ultrasonic Parts Washer</td>
<td>Low Foam</td>
</tr>
<tr>
<td>11602317</td>
<td>418 Ultrasonic Parts Washer</td>
<td>No Foam</td>
</tr>
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</table>

### BioLube All Purpose Lubricant
- Biodegradable
- Greaseless
- Excellent penetrant
- Excellent lubrication
- Friction modifier for extreme pressure loads

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
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<tbody>
<tr>
<td>35602401</td>
<td>5 oz. (15.0 l.)</td>
<td>Aerosol</td>
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**LUBRICANTS**

**General Applications**

- Conveyors
- Chains
- Cables
- Hinges
- Rollers
- Shafts
- Rails
- Pins
- Bearings
- Machinery
- Drives
- Motors
- Doors

**CorrLube VpCI® Penetrant**

- Low surface tension
- Attacks rust
- Superior penetrating properties
- Lubricates and protects
- Excellent foaming action

**CorrLube VpCI®-325 Industrial Lubricant**

- Displaces moisture
- Protects against corrosion
- Ideal routine maintenance lubricant
- Non-drying
- Indoor/outdoor surface lube

**CorrLube VpCI® Lithium EP Grease**

- NLGI grade: 2
- Good adhesion properties
- Resists water washout
- Excellent corrosion protection
- Ideal for all bearings

**CorrLube VpCI® EP Grease with PTFE**

- NLGI grade: 2
- PTFE Additives
- Superior lubrication
- Excellent load bearing capabilities
- Optimum corrosion protection

**CorrLube VpCI® Motor Oil**

- High performance
- API certified
- Excellent for gas or diesel engines
- Recommended for lay-up or for engines that are infrequently used or stored during the off-season
- Protects against internal corrosion

---

**Part #** | **Size** | **Type**
--- | --- | ---
36002571 | 11 oz. (0.32 l.) | Aerosol • Custom

**Part #** | **Size** | **Type**
--- | --- | ---
36060427 | 8 oz (0.23 l.) | Aerosol
12000430 | 5 gal. (18.93 l.) | Liquid
12000431 | 55 gal (208.2 l.) | Liquid • Custom Stock

**Part #** | **Size** | **Type**
--- | --- | ---
36037010 | 32 oz./quart (0.95 l.) | 10W-30 • Custom
36037015 | 32 oz./quart (0.95 l.) | 15W-40
12000332 | 5 gal (18.93 l.) | 10W-30
12000333 | 55 gal (208.2 l.) | 15W-45

---

*Available in custom sizes please contact Cortec® Customer Service*

*All products are available in stock unless otherwise noted as custom.*
Cortec® VpCI® Corrosion Inhibitors

Features

• Multi-year protection
• Multi-metal protection
• Water based alternatives
• Dry film
• Wet film
• UV resistant
• Self-healing
• Constant VpCI® protection
• VpCI® does not require removal

General Applications

• Outdoor storage
• Aircraft
• Elevators
• Storage tanks
• Vehicles
• Outdoor connections
• Pumps
• Cargo holds
• Marine equipment

CorShied® VpCI®-368 Extreme Outdoor Corrosion Inhibitor

- Dry, hard, waxy film
- Excellent for corrosive environments
- Multi-year outdoor protection
- Contaminant resistant
- UV resistant
- MIL C-16173E
- MIL C-2218A
- MIL C-83933A
- NSN 8030-00-062-6950

Part # Size Type
35500037 11 oz. (0.32 l.) Aerosol
12500038 5 gal. (18.93 l.) Liquid
12500039

CorShied® VpCI®-369 Wet Film Lubricant and Corrosion Inhibitor

- Non-drying
- Excellent lubricity
- Self-healing
- MIL C-16173D (Grades 1, 2, & 4)
- NSN 8030-00-244-1297

Part # Size Type
35660106 11 oz. (0.32 l.) Aerosol
12500041 5 gal. (18.93 l.) Liquid
12500042 55 gal. (208.2 l.) Liquid

VpCI® CorrVerter®

- Stops rust and neutralizes oxidation
- No surface preparation needed
- Alternative to cleaning, sandblasting
- Water-based
- Non-toxic
- Non-flammable

Part # Size Type
12504113 16 oz. (0.47 l.) Liquid
12504119 5 gal. (18.93 l.) Liquids
12503120 55 gal. (208.2 l.) Liquid

Cor-Pak® 1-MUL Pouch

- No cleaning
- Self replenishing
- 24-month protection
- Multi-metal protection
- Dual properties-dessicant/corrosion inhibitor

Part # Size Type
10500016 1 ft³. (0.3 m³.) Emitter

VpCI-126® Zipper Poly Bags

- Non-toxic
- VpCI® “charged” interior
- No residue
- Stops rust, tarnish, staining, white rust
- Eliminates cleaning after storage
- Recyclable
- Heat seal bags & roll-stock also available

Part # Size Type
208000109 3" x 5" (7.6 cm. x 12.7 cm.) Bag
20800110 6" x 8" (0.15 m. x 0.2 m.) Bag
20800111 10" x 12" (0.25 m. x 0.3 m.) Bag
20800112 12" x 18" (0.3 m. x 0.46 m.) Bag

* Available in custom sizes please contact Cortec® Customer Service
* All products are available in stock unless otherwise noted as custom.

Visit us at For technical information call
A strong environmental concern is part of Cortec’s past and future as Cortec® produces and sells products that protect metals of all kinds from environmental degradation. A strong commitment to produce products that can be recycled has been and will be our future policy.

EcoLine® products are based on a renewable resource soybean derivatives, called soybean methyl esters. These Soya-based products provide excellent lubricity and biodegradability. EcoLine® products are better for the environment and leave behind a high performance VpCI® corrosion-protecting layer. These products have been developed in partnership with AURI and the Minnesota Soybean Research and Promotion Council.

EcoLine® VpCI® Surface Cleaner & Degreaser
- Ready to use
- Industrial strength
- Designed to be used in industrial and commercial cleaning applications
- Neutral pH balanced
- Includes proprietary VpCI® corrosion protection after cleaning
- Biodegradable

<table>
<thead>
<tr>
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<th>Type</th>
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<tbody>
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<td>35903568</td>
<td>16 oz. (0.47 l.)</td>
<td>Trigger Spray</td>
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<tr>
<td>12603557</td>
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<tr>
<td>12603558</td>
<td>55 gal. (208.2 l.)</td>
<td>Liquid</td>
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</table>

EcoLine® VpCI® Bio-Based Long Term Rust Preventative
- Multi-metal protection
- Designed to protect against salt spray and high moisture conditions
- Includes proprietary VpCI® long-term corrosion protection
- Biodegradable

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
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<tbody>
<tr>
<td>35902419</td>
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<tr>
<td>12603084</td>
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<tr>
<td>12603085</td>
<td>55 gal. (208.2 l.)</td>
<td>Liquid</td>
</tr>
</tbody>
</table>

EcoLine® VpCI® Bio-Based Cutting Fluid
- Cools work piece and tools
- Provides corrosion protection and lubrication
- Non-toxic/non-hazardous
- Eliminate galling and seizing
- Biodegradable

<table>
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<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
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<tbody>
<tr>
<td>35902420</td>
<td>16 oz. (0.47 l.)</td>
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<td>5 gal. (18.93 l.)</td>
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<td>12601980</td>
<td>55 gal. (208.2 l.)</td>
<td>Liquid</td>
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</tbody>
</table>

As soon as the ISO 14001 guidelines were published in 1996, Cortec® made the commitment to become ISO 14001 certified. In March 1998, Cortec® Corporation became one of the first companies in Minnesota to receive ISO 14001 certification.

* EcoLine® products are custom made.

Visit us at www.cortecvci.com
For technical information call (800) 4-CORTEC
**EcoLine®**

**EcoLine® Bio-Based All Purpose Lubricant**
- Displaces moisture
- Greaseless lubricity
- Modified for use with extreme pressure loads
- Includes proprietary (VpCI®) technology
- Biodegradable

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
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<tbody>
<tr>
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<td>16 oz. (0.47 l.)</td>
<td>Spray</td>
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<tr>
<td>12602787</td>
<td>5 gal. (18.93 l.)</td>
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<td>12602788</td>
<td>55 gal. (208.2 l.)</td>
<td>Liquid</td>
</tr>
</tbody>
</table>

**EcoLine® Bio-Based Bearing, Chain & Roller Lubricant**
- Thermally stable
- Resists sling-off from high speed chains
- Prevents smoking when under load
- Reduces vibration and noise
- Biodegradable
- Non-flammable

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
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</thead>
<tbody>
<tr>
<td>12602346</td>
<td>16 gal. (18.93 l.)</td>
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<tr>
<td>12602347</td>
<td>55 gal. (208.2 l.)</td>
<td>Liquid</td>
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</table>

**EcoLine® Bio-Based H-1 Food Grade Grease**
- Biodegradable
- Meets USDA bio-based product definition
- Replaces traditional mineral oil based food grade greases
- Includes VpCI® technology
- Multi-metal protection

<table>
<thead>
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<th>Part #</th>
<th>Size</th>
<th>Type</th>
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<tbody>
<tr>
<td>35906335</td>
<td>14 oz. (0.41 l.)</td>
<td>Grease</td>
</tr>
<tr>
<td>35906327</td>
<td>16 oz. (0.47 l.)</td>
<td>Grease</td>
</tr>
<tr>
<td>35962329</td>
<td>5 gal. (18.93 l.)</td>
<td>Grease</td>
</tr>
</tbody>
</table>

**EcoLine® Bio-Based Premium Heavy Duty Grease**
- Biodegradable
- Meets USDA bio-based product definition
- Superior lubricity
- Includes VpCI® technology
- Indoor and outdoor multi-metal protection

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>35902296</td>
<td>14 oz. (0.41 l.)</td>
<td>Grease</td>
</tr>
<tr>
<td>35900500</td>
<td>5 gal. (18.93 l.)</td>
<td>Grease</td>
</tr>
<tr>
<td>35900501</td>
<td>55 gal. (208.2 l.)</td>
<td>Grease</td>
</tr>
</tbody>
</table>

* 55 gallon drums available.

**EcoLine® Products**

EcoLine® Bio-Based All Purpose Lubricant is an easy to use biodegradable VpCI® lubricant which provides greaseless lubricity while it displaces moisture.

* EcoLine® product are custom made.

Visit us at [www.cortecvci.com](http://www.cortecvci.com)

For technical information call [800) 4-CORTEC]
EcoClean® & EcoSpray®

**EcoClean® 423 Rust Remover**
- Removes surface rust, tarnish
- Excellent for rust stains
- 100% Biodegradable
- USDA approved
- Clings to vertical surface

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>35761150</td>
<td>16 oz. (0.47 l.)</td>
<td>Gel</td>
</tr>
<tr>
<td>11600105</td>
<td>5 gal. (18.93 l.)</td>
<td>Gel</td>
</tr>
<tr>
<td>11600106</td>
<td>55 gal. (208.2 l.)</td>
<td>Gel</td>
</tr>
</tbody>
</table>

**EcoClean® 433 Graffiti Remover**
- Removes ink, wax, paint
- Non-corrosive
- Non-hazardous
- Gel clings to vertical surface
- Environmentally safe

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>35761149</td>
<td>16 oz. (0.47 l.)</td>
<td>Gel</td>
</tr>
<tr>
<td>11600733</td>
<td>5 gal. (18.93 l.)</td>
<td>Gel</td>
</tr>
<tr>
<td>11600734</td>
<td>55 gal. (208.2 l.)</td>
<td>Gel</td>
</tr>
</tbody>
</table>

**EcoSpray® 238 Electronic Cleaner**
- Cleans and protects
- CFC free
- Displaces moisture
- Vapor phase protection in vented or unvented enclosure
- Does not alter electrical resistance

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>35761147</td>
<td>16 oz. (0.47 l.)</td>
<td>Pump Spray</td>
</tr>
</tbody>
</table>

**EcoSpray® 325 Industrial Lubricant**
- Environmentally friendly
- Universal corrosion protection
- Excellent penetrating properties
- Effective in adverse climate conditions
- Wet film/non-drying

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>35761145</td>
<td>16 oz. (0.47 l.)</td>
<td>Trigger Spray</td>
</tr>
<tr>
<td>12000430</td>
<td>5 gal. (18.93 l.)</td>
<td>Liquid</td>
</tr>
<tr>
<td>12000431</td>
<td>55 gal. (208.2 l.)</td>
<td>Liquid</td>
</tr>
</tbody>
</table>

**EcoSpray® 416 Cleaner/Degreaser**
- Heavy duty cleaner of grease, oil, soils
- Non-toxic
- Multi-metal corrosion protection
- Mild foaming
- USDA approved

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>35761148</td>
<td>16 oz. (0.47 l.)</td>
<td>Trigger Spray</td>
</tr>
<tr>
<td>11600355</td>
<td>5 gal. (18.93 l.)</td>
<td>Liquid</td>
</tr>
<tr>
<td>11600356</td>
<td>55 gal. (208.2 l.)</td>
<td>Liquid</td>
</tr>
</tbody>
</table>

**EcoClean® 433 Rust Remover**
- Removes surface rust, tarnish
- Excellent for rust stains
- 100% Biodegradable
- USDA approved
- Clings to vertical surface
- Environmentally safe

**NEW PRODUCT**

**EcoSpray® BioClean**
- Non-toxic, non-hazardous
- Gentle & non-irritating
- Biodegradable and renewable
- Broad-spectrum antimicrobial properties
- Cans pressurized by air-not hazardous for shipment

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>35801001</td>
<td>12 oz. (0.35 l.)</td>
<td>Trigger Spray</td>
</tr>
</tbody>
</table>
We are proud to introduce a major step forward in aerosol technology: EcoAir® air-powered aerosol products. For the first time in the industry, we are providing aerosol products that are powered by compressed air rather than traditional chemical propellants. This technology is innovative because product is filled into a four-layer Mylar EcoPouch inside the can, which is pressurized. As the valve is depressed, the surrounding pressure expels the bag's contents. The major advantages of EcoAir® technology are:

- Non-flammable
- No product contamination by propellant
- Safer to ship and store, with very low or no environmental impact
- Unique water-based products
- Spray in any direction, even upside-down

**EcoAir® VpCI®-414 Cleaner/Degreaser**
- Fast cleaning
- Water based
- Removes oil and grease
- Multi-metal protection
- Biodegradable

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>35860804</td>
<td>13 oz. (0.38 l.)</td>
<td>Air Powered</td>
</tr>
</tbody>
</table>

**EcoAir® VpCI®-324 Anti-Bacterial Penetrant**
- Loosens rusty parts
- Displaces water
- Multi-metal protection
- USDA H-1 approval
- Low surface tension

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>35860800</td>
<td>10 oz. (0.3 l.)</td>
<td>Air Powered</td>
</tr>
</tbody>
</table>

**EcoAir® VpCI®-337 Vapor Charge Fogger**
- Excellent internal protection for crates, boxes and shipping containers
- Non-toxic
- Dries tack free
- Non-flammable
- Locking release valve

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>35860801</td>
<td>13 oz. (0.38 l.)</td>
<td>Air Powered</td>
</tr>
</tbody>
</table>

**EcoAir® VpCI®-337 Rust Blocker**
- Excellent outdoor protection
- Multi-metal protection
- Safe and easy to use
- Environmentally friendly

<table>
<thead>
<tr>
<th>Part #</th>
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<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>35860803</td>
<td>12 oz. (0.35 l.)</td>
<td>Air Powered</td>
</tr>
</tbody>
</table>

**EcoAir® VpCI®-422 Non-toxic Rust Remover**
- Rust and stain remover
- Non-polluting
- Organic chemistry
- USDA approved
- Biodegradable

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>35860807</td>
<td>14 oz. (0.41 l.)</td>
<td>Air Powered</td>
</tr>
</tbody>
</table>

**EcoAir® VpCI®-377 Corrosion Preventative**
- Water based
- 1 year indoor protection
- Clean, dry, hydrophobic film
- Non-flammable
- Paintable
- Multi-metal protection

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>35860802</td>
<td>12 oz. (0.35 l.)</td>
<td>Air Powered</td>
</tr>
</tbody>
</table>

**EcoAir® VpCI®-389 Rust Blocker**
- Excellent outdoor protection
- Multi-metal protection
- Safe and easy to use
- Environmentally friendly

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>35860803</td>
<td>12 oz. (0.35 l.)</td>
<td>Air Powered</td>
</tr>
</tbody>
</table>

**NEW PRODUCT**

Visit us at [www.cortecvci.com](http://www.cortecvci.com)
For technical information call (800) 4-CORTEC
Need for corrosion protection during a temporary or long term storage, lay-up, or a mothballing is a demanding application. As an industry leader, Cortec® employs the most effective and latest environmentally friendly technology in corrosion prevention for protective storage.

Examples of equipment protected with Cortec’s VpCIs:

- Pumps
- Boilers
- Gear cases
- Electric motors
- Cooling towers
- Heat exchangers
- Compressor rotors
- Bearings & bushings
- Pressure vessels and tanks
- Diesel & gasoline engines

There are several other unique Cortec® products that are utilized in lay-up applications. Please consult your Cortec® representative for further details.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>13602242</td>
<td>4/2.2 lb.</td>
<td>Powder</td>
</tr>
<tr>
<td>13602044</td>
<td>13.3 lb. (1.5 kg.)</td>
<td>Powder</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>14503096</td>
<td>5 gal. (18.93 l.)</td>
<td>Oil Additive</td>
</tr>
<tr>
<td>14503097</td>
<td>55 gal. (208.2 l.)</td>
<td>Oil Additive</td>
</tr>
<tr>
<td>14502297</td>
<td>275 gal. (1041 l.)</td>
<td>Oil Additive</td>
</tr>
</tbody>
</table>
Cortec’s patented MCI® technology protects reinforcing metal in concrete from corrosion. MCIs, Migrating Corrosion Inhibitors, rehabilitate existing concrete structures and extend the life span of new structures. Often corroding rebar in deteriorating concrete is the cause of costly repairs, financial losses, injuries and deaths, but Cortec® has the corrosion solution. Cortec® MCI® products for concrete maintain structural integrity, rehabilitate vulnerable structures and alleviate environmental concerns. A unique feature of MCI® is that the inhibitor will migrate a considerable distance through concrete to protect the embedded ferrous metals.

MCI®-2039
- Two-component, fiber reinforced repair mortar
- Can be applied by trowel & normal rendering tools and/or a spray rendering machine
- MCI® not only offers corrosion protection to the repair area, but to adjacent areas as well
- Low modulus of elasticity
- Thixotropic

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>13500836</td>
<td>55.1 lb. (24.99 kg.) Part A</td>
<td>Powder</td>
</tr>
<tr>
<td>13500837</td>
<td>11.25 lb. (5.1 kg.) Part B</td>
<td>Liquid</td>
</tr>
</tbody>
</table>

MCI® Grenades
- MCI® admixture for new concrete construction or repair
- Does not affect air entrainment, compressive strengths or setting time of the concrete mix
- Does not contain calcium nitrate
- Non-flammable
- Environmentally friendly

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>13300953</td>
<td>MCI® Grenades</td>
<td>Powder/Bag</td>
</tr>
<tr>
<td>13302125</td>
<td>MCI® Metric Grenades</td>
<td>Powder/Bag</td>
</tr>
<tr>
<td>13302135</td>
<td>MCI® Mini Grenades</td>
<td>Powder/Bag</td>
</tr>
</tbody>
</table>

MCI®-2038
- Two-component, fiber reinforced repair mortar
- Can be applied by trowel & normal rendering tools and/or a spray rendering machine
- Similar properties to MCI®-2039, but with smaller aggregate for a smooth finish
- Thixotropic

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>13500834</td>
<td>55.1 lb. (24.99 kg.) Part A</td>
<td>Powder</td>
</tr>
<tr>
<td>13502436</td>
<td>11.25 lb. (5.1 kg.) Part B</td>
<td>Liquid</td>
</tr>
</tbody>
</table>

MCI®-2022
- Water-based silane/siloxane based sealer
- Apply by spray, roller, squeegee or paint brush
- Non-toxic, contains no nitrates, phosphates or solvents
- Penetrates deep into concrete to block carbonation & CI intrusion
- MCI® migrates to protect embedded steel reinforcement

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>13400948</td>
<td>5 gal. (18.93 l.) Part A</td>
<td>Liquid</td>
</tr>
<tr>
<td>13403562</td>
<td>V/O 5 gal. (18.93 l.) Part B</td>
<td>Viscous Liquid</td>
</tr>
<tr>
<td>13400949</td>
<td>55 gal. (208.2 l.) Part C</td>
<td>Viscous Liquid</td>
</tr>
<tr>
<td>13403563</td>
<td>V/O 55 gal. (208.2 l.) Part D</td>
<td>Viscous Liquid</td>
</tr>
</tbody>
</table>

Visit us at www.cortecvci.com
For technical information call (800) 4-CORTEC®
MCI®PRODUCTS

Cortec® MCI®
Features

• Organic, safe & environmentally friendly
• Provides multimetal protection
• Does not contain any calcium nitrite
• Protects against corrosion even in dense concrete
• Does not affect the physical properties of the concrete mix (air entrainment, set time, strength or slump)

General Applications

• All reinforced, precast, prestressed, post-tensioned or marine concrete structures
• Restoration and repair of all reinforced concrete structures.
• Parking decks, ramps and garages
• Concrete industrial floors, piers, piles, pillars, pipe and utility poles.
• Steel reinforced concrete bridges, highways, streets and building facades exposed to corrosive environments.

Visit us at www.cortecvci.com
For technical information call (800) 4-CORTEC®

MCI®-2026 Floor Coating

• 100% solids, 2-component, novolac epoxy
• Excellent corrosion and abrasion resistance
• Meets all of the USDA guidelines for use in Federally inspected poultry & meat plants
• Available in clear, gray and a selection of colors
• Can be made anti-slip

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>13502284</td>
<td>2.5 gal. kit (125-150 ft²/gal) (9.46 l.)</td>
<td>2 component kit</td>
</tr>
</tbody>
</table>

MCI®-2026 Primer

• Recommended primer for MCI®-2026 Floor Coating
• VOC compliant odorless and solvent free
• Moderate chemical resistance and good abrasion resistance
• Eliminates concrete dust
• Meets USDA guidelines for use in federally inspected poultry and meat plants

<table>
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<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>13502285</td>
<td>3 gal kit (250-350 ft²/gal) (11.36 l.)</td>
<td>2 component kit</td>
</tr>
</tbody>
</table>

MCI®-2038 and MCI®-2039 repair mortar not only offers corrosion protection to the repair area, but to adjacent areas as well.

MCI®-2026

• Available in v/o version
• UL certified to meet NSF Std. 61 requirements
• Easily applied by spray, brush or roller
• Surface applied migrating corrosion inhibitor for existing concrete structures
• Confirmed effective in initial field evaluation
• No cure time required

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>13400168</td>
<td>5 gal. (18.93 l.)</td>
<td>Liquid</td>
</tr>
<tr>
<td>13400169</td>
<td>V/O 5 gal. (18.93 l.)</td>
<td>Viscous Liquid</td>
</tr>
<tr>
<td>13402162</td>
<td>V/O 55 gal. (208.2 l.)</td>
<td>Viscous Liquid</td>
</tr>
</tbody>
</table>

MCI®-2020

• Available in v/o version
• UL certified to meet NSF Std. 61 requirements
• Easily applied by spray, brush or roller
• Surface applied migrating corrosion inhibitor for existing concrete structures
• Confirmed effective in initial field evaluation
• No cure time required

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>13400168</td>
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<td>Liquid</td>
</tr>
<tr>
<td>13400169</td>
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<td>Viscous Liquid</td>
</tr>
<tr>
<td>13402162</td>
<td>V/O 55 gal. (208.2 l.)</td>
<td>Viscous Liquid</td>
</tr>
</tbody>
</table>

Part #       Size                  Type
13400168     5 gal. (18.93 l.)     Liquid
13400169     V/O 5 gal. (18.93 l.) | Viscous Liquid
13402162     V/O 55 gal. (208.2 l.)| Viscous Liquid
Cortec® Corporation’s World Headquarters
Committed to nature’s preservation

TOTAL CORROSION CONTROL

Cortec® Corporation® is dedicated to controlling corrosion at ALL STAGES of a product life cycle. Cortec® has developed a diverse range of corrosion protection products including cleaners, metalworking fluids, water- and oil-based coatings and corrosion inhibitors, rust removers, paint strippers, powders, packaging foams, paper, films, and surface treatments and admixtures for concrete. Contact Cortec® for additional brochures and information.

Visit our website for more information on Cortec® Vapor phase Corrosion Inhibitors
CortecVCI.com and CortecMCI.com

LIMITED WARRANTY

Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec® Corporation.

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www.CortecVCI.com

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