



VpCI® METALWORKING PRODUCTS



BioCorr®



PRODUCT DESCRIPTION

BioCorr® Rust Preventative is a waterbased, biobased, and biodegradable rust preventative that is intended for preservation of metals in storage and during transportation. BioCorr® Rust Preventative provides multi-metal protection and is an excellent environmentally sound alternative to petroleum derived products. This ready-to-use formulation can provide protection for up to two years of indoor storage; or during shipments when combined with VpCI® packaging materials. Unlike rust preventative oils this product leaves a dry film on the surface of the metal that is virtually undetectable. This feature helps to create a clean workplace and prevents material waste. BioCorr® Rust Preventative is biodegradable; eliminating expensive disposal costs associated with oils.

BioCorr® Rust Preventative has been awarded USDA BioPreferredSM designation (www.preferred.gov).

When using for transmission applications be sure to use our BioCorr ATF version"

FEATURES

- Provides excellent multi-metal corrosion protection
- Combines film-forming additives with Vapor phase Corrosion Inhibitors
- Environmentally friendly and biodegradable
- Replaces hazardous mineral oils and flammable solvents
- Contains no chlorinated compounds, chromates, or nitrites
- Ready-to-use product
- Contains biostatic material
- Formulated with renewable raw materials, contains 64% biobased content
- USDA certified Biobased product

APPLICATION

BioCorr® is a ready-to-use product and can be applied by dipping or spraying.

BioCorr® SC is supplied as a viscous concentrate and must be diluted and thoroughly mixed prior to use.

TYPICAL APPLICATIONS

- Biodegradable preservative for machines and equipment
- Temporary coating for storage and shipment
- Protection of pipes, flanges, gears
- Cast iron, sheets, and coils

TYPICAL PROPERTIES

BioCorr®

| | |
|------------|---------------------------------|
| Appearance | Milky white liquid |
| pH | 8.4-9.1 (neat) |
| Density | 8.3-8.4 lb/gal (1.00-1.01 kg/l) |

BioCorr® SC

| | |
|------------|---------------------------------|
| Appearance | Clear amber liquid |
| pH | 8.5-9.3 (1% water) |
| Density | 7.8-7.9 lb/gal (0.93-0.95 kg/l) |
| NVC | 89-93% |

STANDARD TEST METHODS AND RESULTS

| | | | |
|------------------|-----------------------------------|---------------|-----------------|
| ASTM D-1748 | Humidity Chamber Hours | | |
| | Carbon Steel | Copper | Aluminum |
| | 600 | 160-200 | 160-200 |
| ASTM D-1735 | Water Fog | | |
| ASTM D 4627-86 | (Cast Iron Chip Test) - Pass | | |
| ASTM D-6866-11 | Determination of Biobased Content | | |
| NACE RP0487-2000 | Selection of Rust Preventives | | |

STORAGE AND PACKAGING

BioCorr® Rust Preventative is packaged in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes, and bulk.

Also available as EcoAir® BioCorr® in 12 oz. (340 g) compressed air cans, 12 per carton.

The product should be stored sealed. Agitate before each use. The shelf life of BioCorr® Rust Preventative is up to 24 months.

BioCorr® SC is a viscous superconcentrate that should be diluted at 1:19 and thoroughly mixed prior to use.

BioCorr® Green is available with green tint to aid in visual inspection.

Note: Please see the Safety Data Sheet (SDS) for proper handling of the product.

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

All statements, technical information and recommendations contained herein are based on tests Cortec® Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

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