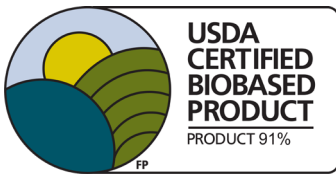




## SURFACE PREPARATION PRODUCTS

# VpCI®-423



## PRODUCT DESCRIPTION

VpCI®-423 is a water-based gel that effectively removes rust and oxides from steel, iron, brass, and copper. When used as recommended, VpCI®-423 will not adversely affect most paints, plastics, wood, textiles, ceramics, or rubber. VpCI®-423 is formulated to cling on vertical and overhead surfaces for rust and oxide removal in difficult-to-reach spaces.

VpCI®-423 contains flash corrosion inhibitors to prevent flash corrosion during the rust and oxide removal process. After rust removal, rinse the area thoroughly with water, then use Cortec® VpCI®-414 or similar alkaline cleaners to ensure a clean, corrosion free metal surface.

VpCI®-423 is NSF (A3) registered, acceptable for use for indirect food contact. It contains 91% USDA certified biobased content and qualifies for Mandatory Federal Purchasing in the USDA BioPreferred®

## FEATURES

- Prevents flash rusting
- No adverse effects on most paints, plastics, wood, textiles, ceramics, and rubbers
- Formulated for rust and oxide removal on vertical and overhead surfaces
- Completely organic and readily biodegradable
- NSF (A3) registered. Acceptable for use as an acid cleaner in and around food processing areas for indirect food contact.
- Contains 91% USDA certified biobased content
- NSN 6850-01-482-4536

## TYPICAL APPLICATIONS

- In-process rust removal for parts and metal stock
- Rust removal in hard-to-reach, vertical, and overhead locations
- Automotive, marine, and manufacturing equipment

## APPLICATION

VpCI®-423 can be applied using conventional or airless spray equipment or by brush. Remove loose or flaking rust and then apply VpCI®-423 to the surface. Let the product stand for 10-15 minutes and rinse with Cortec® VpCI®-414 or a similar alkaline cleaner. Retreat rust as necessary (heavy rust may take more than one treatment).

## PHYSICAL PROPERTIES

Appearance	Dark Brown Gel
pH (Neat)	2.3
Density	9.6-10.0 lb/gal (1.16-1.19 kg/L)

## Toxicological Testing Results

Species	NOEC/LOEC ppm	48-hrs LC50* ppm
M. beryllina	100/1000	316
M. bahla	100/1000	316

\* LC50/EC50-50% of Lethal concentration/50% of Effective Concentration respectively

## PACKAGING AND STORAGE

VpCI®-423 is available in 5 gallon (19 L) pails, 55 gallon (208 L) drums, liquid totes, and bulk.

To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 40-100 °F (4-38 °C).

Shelf Life: 2 years.

**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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