

VpCI[®]-426 / VpCI[®]-426 Powder



PRODUCT DESCRIPTION

VpCI[®]-426 is a water-based heavy duty concentrate designed to remove corrosion, scale, and naturally occurring oxides from iron, carbon and stainless steel, copper, aluminum, magnesium, and their alloys.

VpCI[®]-426 not only removes corrosion and scale, but also brightens aluminum and copper.

FEATURES

- Rust remover for ferrous metals
- Preparation of aluminum surfaces before anodizing, painting, and electroplating
- Oxide removal of brass, bronze, copper, zinc, magnesium, and magnesium alloys
- Brightener for aluminum and copper
- Scale build-up remover from bathroom tubs, showers, and pipes
- Household corrosion removal needs
- NSN 6850-01-477-4155

ADVANTAGES

- Very effective on a variety of metals to dissolve rust, scale, and oxide deposits
- Reduced costs of surface preparation
- Increased performance over equivalent products
- Used in areas that can not be sandblasted or cleaned with power tools
- User friendly, and nitrite-free
- Available in the powder form (VpCI[®]-426 powder)

APPLICATION VpCI[®]-426 LIQUID (EXAMPLES)

Steel*:

Use 1 part of VpCI[®]-426 to 4 parts water.

Copper:

Use concentrate or 1:1 dilution with water.

Aluminum:

Heavy cleaning

Apply concentrate at room temperature or 1 part VpCI[®]-426 to 1 part water at elevated temperature (120°F/49°C).

Normal cleaning

Use 1 part VpCI[®]-426 to 1 part water.

Magnesium and alloys:

Use 1 part VpCI[®]-426 to 4 parts water at room temperature (cleans in approximately 1-2 minutes).

APPLICATION VpCI[®]-426 POWDER

Use 7% (by weight) in water.

*Once corrosion has been removed, it is advised to use Cortec[®] VpCI[®]-414 (1:5 and 1:10 dilutions) to rinse away any residue and prevent the metal surface from flash rusting.

TYPICAL PROPERTIES

Liquid

Appearance	Clear colorless liquid
Density	8.9-9.1 lb/gal (1.07-1.09 kg/l)
Non-volatile Content	20-26%

Powder

Appearance	Off-white/beige powder
pH	2.5-3.5 (1% aqueous)
Non-volatile content	95-100%

PACKAGING AND STORAGE

VpCI®-426 (liquid) is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes, and bulk. VpCI®-426 Powder is available in 5 lb (2.3 kg), 50 lb (23 kg), and 100 lb (45 kg) bags.

Minimum storage temperature: 32°F (0°C)
Maximum storage temperature: 120°F (49°C)

**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**

TOXICOLOGICAL TESTING RESULTS

VpCI®-426

Test Species	NOEC/LOEC, ppm	48-hr LC50*, ppm
D. pulex	100/1000	316
P. promelas	100/1000	316
M. beryllina	100/1000	316
M. bahia	10/100	31.6

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M. bahia	100/1000	316

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

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