

VpCI[®]-429, Patent Pending



Panel cleaned with VpCI-429
and then coated with VpCI-386 Clear



Panel cleaned with VpCI-429
and then coated with VpCI-386 Yellow

PRODUCT DESCRIPTION

VpCI-429 is a very effective rust remover and cleaner for different metals. The chemistry of this product is based on the chelating abilities of its ingredients.

VpCI-429 not only completely cleans rusted surfaces, but also prevents further rusting during the cleaning process. After cleaning, there is no need for neutralization or additional rust preventative materials.

VpCI-429 is environmentally and user friendly, has a neutral pH, is made of biodegradable and renewable materials, is non-irritative, and not harmful.

Metal surfaces treated with VpCI-429 can be painted without any problems; eliminating the step of additional preparation. In most cases, VpCI-429 acts as an adhesion promoter for coatings.

FEATURES

- Effectively removes rust and cleans the surface.
- Neutral pH and non-irritative.
- Provides protection to cleaned surfaces up to 4 weeks.
- Promotes adhesion of paint to cleaned surfaces.
- Made with biodegradable materials.
- Doesn't contain EDTA.
- Non-toxic, non-harmful.
- Works as a biocide potentiator (increases efficiency of biocides).

APPLICATION

Rust Removal

VpCI-429 is used in dip applications.

- Step 1: Pour into a sufficient amount into a container to completely cover the rusted metal.
- Step 2: Leave the metal in the solution for 15-30 minutes (light rust) or overnight (very heavy rust).
- Step 3: Rinse treated metal with water. If some rust still remains on the surface, repeat step 2.
- Step 4: After rinsing, dip the metal into a clean solution of VpCI-429 and allow to air dry. This will prevent rust up to 4-5 weeks.

Salt Removal

VpCI-429 is economical and very effective in removing marine and deicing salts from machinery and other equipment. For the best performance in that application, use at 0.2-0.7% by weight at ambient temperatures.

PHYSICAL PROPERTIES

Appearance	Clear liquid
Non-volatile Content	5-6
Odor	Light
pH	6.5-7.0
Weight per Gallon	8.4-8.6 lb/gal. (1.01–1.03 kg/l)

PACKAGING AND STORAGE

VpCI-429 is available in 5 gallon (19 liter), 55 gallon (208 liter) drums, totes, and bulk. Store product in a heated warehouse to avoid freezing.

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

Toxicological Testing Results

Species	NOEC/LOEC, ppm	48-hr LC50* ppm
D.pulex	5000/>5000	>5000
P. promelas	5000/>5000	>5000

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

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

NOT FOR INTERNAL CONSUMPTION

CONSULT SAFETY DATA SHEET FOR MORE

INFORMATION

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printed on recycled paper  100% post consumer
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