



SURFACE PREPARATION PRODUCTS

VCI-425

PRODUCT DESCRIPTION

VCI-425 is a powder that is used with water at 5-12% by weight to remove light oxides and staining from copper, steel and aluminum. It can be used to clean chemical manufacturing equipment such as blenders and reactors, cooling towers, heat exchangers, water pipes, etc. In solution, VCI-425 has a pH between 6-7. That makes the product quite safe to handle, use and dispose of for most jobs. VCI-425 is best suited for jobs requiring chemical cleaning without the associated hazards from strong acids, inaccessible and hard to reach areas and where there is significant complex surface area.

FEATURES

- Removes rust and scale.
- Provides good base for protective coatings.
- Waste treatment not usually required.
- Neutral pH for longer equipment life and much safer handling, use and storage.
- Powder form minimizes shipping costs.
- 100% active material, no fillers.
- Mixes readily with water.

APPLICATION

Add VCI-425 to water until desired concentration is reached. Maximum solubility in water is 12-14% by weight. Solution works best when parts are immersed in solution (i.e. dip or flood) and if solution can be heated (140°-200°F / 60°-90°C). Allow parts to remain in contact with solution until desired outcome is reached. The time in solution per part is independent per part and is effected by the severity of corrosion, temperature of solution, substrate and other factors. Cleaning times can be from minutes to hours.

PHYSICAL PROPERTIES

| | |
|------------|-------------------------|
| Appearance | Off-white to tan powder |
| Odor | Mild |
| pH | 7-8 (10% aqueous) |

PACKAGING AND STORAGE

VCI-425 is available in 5 pound (2.3 kg), 50 pound (23 kg), 100 pound (45 kg) fiber drums and bulk. When not in use, VCI-425 should be stored in a dry warehouse with no direct exposure to sunlight at temperatures not exceeding 122°F (50°C). VCI-425 may be stored under these conditions for approximately 36 months.



FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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4119 White Bear Parkway, St. Paul, MN 55110 USA
 Phone (612) 429-1100, Fax (612) 429-1122
 Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
 Internet http://www.cortecvci.com

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OTiK Sp. z o.o.
 ul. Hutnicza 4
 81-061 Gdynia
 tel.: 58 6230498
 fax: 58 6230496
 otik@use.pl
 www.inhibitory.use.pl

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