VpCI®-425

PRODUCT DESCRIPTION
VpCI-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, VpCI-425 has a pH close to neutral. That makes the product quite safe to handle, use, and dispose of for most jobs. VpCI-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 VpCI-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 part and is affected 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
VpCI-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, VpCI-425 should be stored in a dry warehouse with no direct exposure to sunlight at temperatures not exceeding 122°F (50°C). VpCI-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 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.

Cortec Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec Corporation’s obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec Corporation.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL CORTEC CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.