

VpCI[®]-417/VpCI[®]-417 Safe-T-Charge



DESCRIPTION

VpCI-417 is a heavy-duty cleaner/degreaser for cleaning industrial, oil field, commercial, and marine equipment. VpCI-417 is recommended for power washing machinery or conveyor systems.

VpCI-417 is a cleaner in powder form from intermediates which are chemically reacted at controlled temperatures and pressures. The compounds contained in VpCI-417 function by chemically altering grease and dirt so that deposits can be removed with water. VpCI-417 can be metered into steam cleaners. It is non-flammable, nitrite-free, non-toxic, and does not present disposal problems associated with most phosphate cleaners.

VpCI-417 contains inhibitors to protect metal parts from corrosion after cleaning. It has a unique ability to remove such difficult to clean deposits as heavy hydrocarbons, grease, drawing and buffing compounds, and mill and machinery oils. VpCI-417 also saves energy costs required for hot alkaline cleaners presently used in the industry.

VpCI-417 Safe-T-Charge combines all the cleaning properties of VpCI-417 with a convenient delivery system. Safe-T-Charge 417 is packaged in a polyvinyl alcohol bag (PVA) for safe handling and easy measurement. Simply place the bag into the wash system and allow the bag and powder to dissolve. Safe-T-Charge 417 is available in 1 lb (0.45 kg) and 5 lbs (2.26) kg.

FEATURES

- Heavy-duty chemical cleaner and degreaser with unique cleaning action for removing hydrocarbon deposits
- Non-caustic, non-toxic, and nitrite-free
- Provides exceptional cleaning action at low temperature, affording energy savings over hot alkaline cleaners
- Contains inhibitor package for multimetal protection
- Contains non-silicone defoamers to prevent foam during operation
- Requires minimal to no mechanical action to be effective
- Leaves no residual film and will not affect adhesion qualities
- Prevents flash rust
- Safe to use on glass and most plastics
- Low foaming
- Available in water-soluble bags (Safe-T-Chage)

EFFECTIVE USES

- Drilling pipe and oil field equipment contaminated with drilling and hydrocarbon deposits
- Machinery, engines, or tank cars coated with grease or oil deposits
- Plate and sheet metal covered with oily or waxy films prior to painting or pickling
- Metal castings coated with temporary protective oils or waxy sealers prior to painting or machining
- Metal parts contaminated with stamping, drawing, or buffing compounds
- Pressure washing and ultrasonic cleaning

APPLICATION

VpCI-417 can be applied using power washers, steam cleaners, sprayers, and dipping tanks.

Light cleaning:

Use 2% (by weight) VpCI-417 in water.

Normal cleaning:

For machinery, rail cars, offshore equipment and tanks contaminated with medium deposits use 3% (by weight) VpCI-417 in water.

Heavy-duty cleaning:

For drilling mud, grease, crude, bilges, concrete surfaces, and structures use 5-10% (by weight) VpCI-417 in water.

Steam cleaning:

Use 2% by weight VpCI-417 in water.

PROPERTIES

Appearance	Off-white to beige powder
pH	11.8-12.8 (1% aqueous)
Non-volatile Content	97-100%

PACKAGING

VpCI-417 is available in 5 pound (2.3 kg), 50 pound (23 kg), and 100 pound (45 kg) drums.

ChargeVpCI-417 Safe-T-Charge is available in 20 lbs (4.6 kg) packages containing either 1 lb (0.45 kg) or 5 lbs (2.3 kg) bags.

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.



4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
Internet <http://www.cortecvci.com>

printed on recycled paper  100% post consumer
Revised: 8/9/13. ©Cortec Corporation 1998-2013. Supersedes: 2/22/13.
VpCI® is a trademark of Cortec Corporation. ©2013, Cortec Corporation. All Rights Reserved.
Copying of these materials in any form without the written authorization of Cortec Corporation is strictly prohibited. ISO accreditation applies to Cortec's process's only.

Distributed by:



Valdamark Limited
Unit 13,
30 The Downs
Altrincham, Cheshire, WP14 2PX,
United Kingdom.
valdamark@live.com
Tel: +44 (0) 161 706 0388

