

# VpCI®-419 Heavy Duty Cleaner/Degreaser

## DESCRIPTION

VpCI-419 is a heavy-duty cleaner and degreaser concentrate developed to meet the needs of those responsible for cleaning industrial, oilfield, commercial and marine equipment. There are many cleaning compounds on the market today, but few are as advanced as VpCI-419. VpCI-419's heavyduty action is due to its chemical nature which alters the composition of deposits, making them removable with water. This cleaner has the unique ability to remove difficult to clean deposits such as heavy hydrocarbons, grease, drawing and buffing compounds and mill and machinery oils.

In addition, VpCI-419 contains vapor and contact corrosion inhibitors, which protect ferrous metals from flash corrosion. VpCI-419 can be metered into power washers, steam cleaners, etc. VpCI-419 is a high solids, low viscosity product which reduces transportation and handling costs for industrial applications.

## PACKAGING & STORAGE

VpCI-419 is available in 5 gallon (19 L) pails, 55 gallon (208 L) drums, totes and bulk.

To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 40-100 °F (4-38 °C).

## SURFACE PREPARATION PRODUCTS



## FEATURES

- Heavy-duty chemical cleaner and degreaser
- Exhibits excellent detergency and hard water tolerance
- Unique cleaning action through solubilizing hydrocarbon deposits and dirt
- Does not contain hazardous nonylphenoethoxylates
- Non-toxic, phosphate ester free
- Provides excellent cleaning action at low temperatures, thus affording energy savings over hot alkaline cleaners
- Highly cost effective
- Provides corrosion protection to ferrous metals
- UFI: 0X20-203Q-Q00J-5FPE

## TYPICAL APPLICATIONS

- Machinery, engines or tank cars coated with grease or oil deposits
- Plate and sheet metal covered with stamping and drawing fluids, or oil films prior to painting or pickling
- Machined parts contaminated with cutting fluids prior to assembly
- Concrete floors, plastics, wood, glass
- Oilfield tools, pipes, tanks and vessels
- Refinery vessels, heat exchangers, pipes, etc.

## PROPERTIES

Appearance	Clear Yellow to Brown Liquid
Exposure Time	20 seconds to 60+ minutes
Non-Volatile Content	18-23%
pH	12.5-13.5
Density	9.2-9.3 lb/gal (1.10-1.12 kg/L)
Working Concentration	1% to 10% by weight with water
Working Temperature Range	50-300 °F (10-149 °C)

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## APPLICATION

VpCI-419 can be applied with any convenient cleaning equipment including power washers, steam cleaners, sprayers and dipping tanks. VpCI-419 is diluted according to the type of deposit. Allow VpCI-419 to remain on surface to penetrate the deposits, and then remove with steam or pressurized water. VpCI-419 can also be used in floor scrubbers.

Mix or stir before use.

### **Heavy-duty Cleaning** (i.e. heavy equipment)

Use 1 part VpCI®-419 to 9 parts water by weight (10%).

### **Normal Cleaning** (i.e. parts washing)

Use 1 part VpCI®-419 to 9-99 parts water by weight (1-10%).

## 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.

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