

## SURFACE PREPARATION PRODUCTS

# VpCI®-408 Mild Alkaline Cleaner



## PRODUCT DESCRIPTION

VpCI®-408 is a mildly alkaline blend of surfactants for use in high-pressure spray washers, and power washing machinery. It can be used for removal of machining fluids, coolants, light oils, and greases. VpCI®-408 is near neutral in pH, which eliminates the need for some wastewater treatment.

VpCI®-408 is a non-foaming flash alkaline cleaner that provides multi-metal corrosion protection after the cleaning process and is also available in a super concentrate version: VpCI®-408 SC.

## FEATURES

- Mild alkaline cleaner and degreaser for use in high-pressure spray systems
- Nitrite free
- Contains flash rust inhibitors for multi-metal protection
- Requires mechanical action to be effective
- Leaves no residual film
- Will not affect paint adhesion
- Non-foaming

## EFFECTIVE USES

- Plate, sheet metal, and metal castings covered with oily films prior to painting or pickling
- Metal parts contaminated with typical machining or drawing fluids
- Pressure washing

## PROPERTIES

|                   |                             |
|-------------------|-----------------------------|
| Appearance        | Slightly hazy yellow liquid |
| Odor              | Faint                       |
| Temperature Range | 120-150°F(49-66°C)          |

|                      |                                     |
|----------------------|-------------------------------------|
| VpCI®-408            |                                     |
| pH                   | 8.5-9.5 (1% aq. solution)           |
| Weight per gallon    | 8.7-8.9 lbs./gal<br>(1.04-1.07kg/l) |
| Non-volatile content | 9-13%                               |

|                      |                                     |
|----------------------|-------------------------------------|
| VpCI®-408 SC         |                                     |
| pH                   | 8.5-9.5 (1% aq. solution)           |
| Weight per gallon    | 9.2-9.6 lbs./gal<br>(1.10-1.15kg/l) |
| Non-volatile content | 28-31%                              |

## VpCI®-408 DILUTION RATIO CHART

|                 | Volume VpCI®-408 (US) per gallon water | Volume VpCI®-408 (Metric) per liter water | Dosage (%) |
|-----------------|----------------------------------------|-------------------------------------------|------------|
| Light Cleaning  | 6.4 ounces (~3/4 cup)                  | 50ml                                      | 5          |
| Medium Cleaning | 12.8 ounces (~1.5 cups)                | 100ml                                     | 10         |
| Heavy Cleaning  | 25.6 ounces (~3 cups)                  | 200ml                                     | 20         |

## PACKAGING

VpCI®-408 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, and bulk.

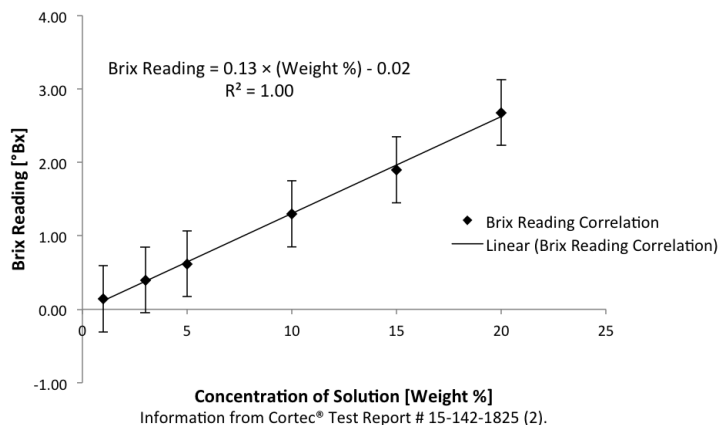
## STORAGE

Minimum 32°F (0°C)

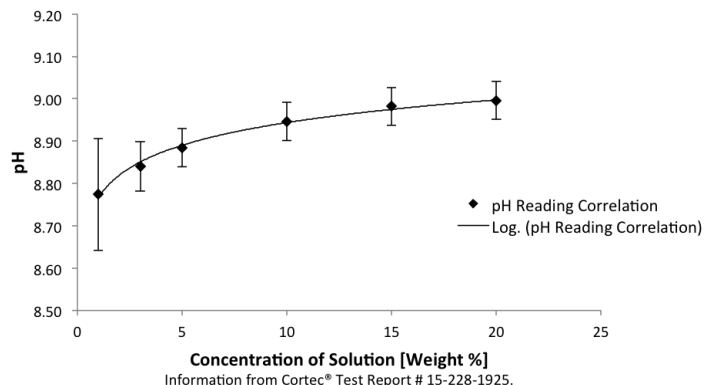
Maximum 120°F (49°C)

**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**

### Brix Reading Correlation (VpCI®-408)



### pH Calibration (VpCI®-408)



Please note the solutions used above were created using deionized water. Slight differences in water chemistry (dissolved solids, hardness, etc.) may lead to differences in readings. Please use these numbers as reference only; Contact Cortec® Laboratories with any questions.

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