VpCl®-408 Mild Alkaline Cleaner

APPLICATION
VpCl-408 can be applied using power washers and sprayers. For best results, it is recommended that this product be used at a temperature of 120-150°F (49-66°C).

Mix VpCl-408 into water to desired concentration. Maintain solution by monitoring pH, refractometry, and titration.
See back page for further details

RECOMMENDED DILUITIONS
Light Cleaning:
Use 2% (by weight) VpCl-408 in water.

Normal Cleaning:
For heavier oils, use 3-5% (by weight) VpCl-408 or 1-3% VpCl-408 SC in water.

Heavy-duty Cleaning:
For drilling oils and heavy greases use 5-10% (by weight) VpCl-408 in water.

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

VpCl-408
pH       8.5-9.5 (1% aq. solution)
Weight per gallon 8.7-8.9 lbs./gal
(1.04-1.07kg/l)
Non-volatile content 9.13%

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

PRODUCT DESCRIPTION
VpCl-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. VpCl-408 is near neutral in pH, which eliminates the need for some wastewater treatment.

VpCl-408 is a non-foaming alkaline cleaner that provides multi-metal corrosion protection after the cleaning process. Even at low concentrations, VpCl-408 can provide corrosion protection to metal parts that are stored inside.

VpCl-408 is also available in a super concentrate version as VpCl-408 SC.

FEATURES
• Mild alkaine cleaner and degreaser for use in high-pressure spray systems
• Nitrite free
• Contains inhibitors for multimetal protection
• Requires mechanical action to be effective
• Leaves no residual film
• Will not affect paint adhesion
• Prevents flash rust
• 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
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)

MONITORING CONCENTRATIONS
• Concentration should be monitored regularly to ensure product effectiveness
• Monitoring can be performed via pH or refractometry

pH
• For 2-20% (by weight) solutions, pH range should be from 8.8-9.0

Refactometry
• Refractometer reading can be measured using refractive index or Brix scale
• Refractive index measurement should be between 1.333 and 1.337 for solutions of 2-20%
• For Brix scale readings, please refer to the following chart

*Note: Refractometer and pH readings may vary depending on water quality. The solutions analyzed above were diluted with deionized water.

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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