VpCI®-415, Qualified to MIL-PRF-87937D Type IV

AFPET/PTPT 09-004

ENVIRONMENTAL ATTRIBUTES
• Readily biodegradable (according to shake flask biodegradation test method)
• Non-toxic (according to: EPA 600/4-90/027)
• Non-corrosive (according to: MIL-PRF-87937D)
• Will not inhibit pollution abatement systems
• No VOC’s
• No Hazardous Air Pollutants (HAPS)
• No Ozone Depleting Substances (ODS)
• Non-flammable, Non-combustible
• No Carcinogens
• No Ketones
• Contains no nonylphenolethoxylates

TECHNICAL REFERENCES
• TO 1-1-691
• TO 36-1-191
• TO 1-1-689-3
• TO 1-1-689-5
• TO 35-1-3
• TM 1-1500-344-23
• TO-23’s or equivalent
• Conforms to Boeing D6-17487 Rev P

DESCRIPTION
VpCI-415 is a MIL-PRF-87937D Type IV Qualified heavy-duty, biodegradable cleaner/degreaser. In addition, VpCI-415 provides up to six months of corrosion protection for a variety of metals during indoor storage. VpCI-415 is the perfect choice for the customer requiring a multi-purpose, multi-surface, MIL-SPEC qualified, heavy-duty cleaner; and is also concerned with environmental compliance and worker safety.

FEATURES
• Exceptional pitting corrosion resistance
• Excellent cleaning action at low temperatures
• Exhibits hard water tolerance
• Remains stable during freeze/thaw cycles
• Effective with pressure washers, foamers, dipping tanks, steam cleaners, or in mopping applications
DILUTION GUIDE
• For heavy cleaning and corrosion protection: 4 parts water to 1 part VpCI-415
• For normal cleaning: 9 parts water to 1 part VpCI-415
• Cortec Corporation recommends consulting your appropriate Technical Order/Manual for further instructions.
• Use VpCI-415 in accordance with individual directives.

PROPERTIES
Appearance Light yellow liquid
pH 8.0-8.7 (Neat)
Density 8.3-8.4 lb/gal (0.99-1.01 kg/l)
Non-volatile Content 14-16%
BOD/COD >0.6

PACKAGING
VpCI-415 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes, and bulk. VpCI-415 has a shelf life of 24 months.

For more information or to schedule an on-site demonstration, please contact Cortec’s Military Specialists.