

**RoHS
COMPLIANT**



SURFACE PREPARATION PRODUCTS

VpCI[®]-415, Qualified to MIL-PRF-87937D Type IV AFPET/PTPT 09-004



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

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 nonylphenoethoxylates

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



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.

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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