



SURFACE PREPARATION PRODUCTS

VpCI™-415



DESCRIPTION

VpCI-415 is a heavy-duty biodegradable water-based alkaline cleaner and degreaser offering unique flash corrosion protection. VpCI-415 can provide corrosion protection for up to 6 months during indoor storage. VpCI-415 is formulated to meet the requirements for cleaning and corrosion protection of aircraft.

The compounds contained in VpCI-415 function by altering hydrocarbons so that the deposits can be removed with water. VpCI-415 can be metered into power washers, steam cleaners, dip tanks and other cleaning equipment. Along with good detergent properties, VpCI-415 is hard water stable.

While most cleaning compounds available on the market today are simple blends of surfactants and detergents which limit their cleaning effectiveness, VpCI-415 offers improved cleaning plus multimetal corrosion protection action in one step, resulting in significant savings. VpCI-415 has the unique ability to remove such deposits as heavy hydrocarbons, grease, drawing, buffing machinery compounds.

FEATURES

- Biodegradable
- Heavy-duty chemical cleaner and degreaser with unique cleaning action for removing hydrocarbon deposits
- Provides temporary multimetal corrosion protection
- Provides exceptional resistance to pitting corrosion
- Non-toxic, non-corrosive and does not contain nonylphenolethoxylates
- Provides excellent cleaning action at low temperatures
- Mild foaming
- Exhibits hard water tolerance
- Formulation remains stable during freeze-thaw cycle
- Conforms to:
- Tested:

MIL-PRF-87937D
ASTM D 2240
ASTM F 483-90
ASTM F 484-93
ASTM F 485-98
ASTM F 502-93 F
ASTM F 519-93 Type 1C
ASTM F 1104-87
ASTM F 1110-90
ASTM F 1111-88



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Environmentally Safe VpCI™/MCI® Technologies

EFFECTIVE USES

- Aircraft
- Machinery contaminated with oils
- Sheet metal coated with temporary protective oils or waxes prior to painting
- Metal parts contaminated with stamping, drawing or buffing compounds

APPLICATION

VpCI-415 can be applied with any conventional equipment including sprayers, dipping tanks, steam cleaners and power washers.

Heavy-duty Cleaning and Corrosion Protection:

1 part VpCI-415 to 4 parts water.

Normal Cleaning (i.e. parts washing):

1 part VpCI-415 to 10 parts water.

Light Cleaning (i.e. rinsing):

1 part VpCI-415 to 20 parts water.

PROPERTIES

Appearance	Clear yellow liquid
pH	8.0-8.7 (Neat)
Density	8.2-8.3 lb/gal (0.98-1.00 kg/l)
Non-volatile Content	7-12%
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 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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