



SURFACE PREPARATION PRODUCTS

VpCI®-416

DESCRIPTION

VpCI-416 is a heavy-duty water-based alkaline cleaner and degreaser offering unique flash corrosion protection. VpCI-416 can provide corrosion protection for up to 6 months during indoor storage. VpCI-416 is formulated to meet the requirements for cleaning and corrosion protection of parts and storage equipment. VpCI-416 penetrates to remove greases and oil deposits from machinery, engines, vehicles, construction equipment, and cranes in either industrial or marine applications.

The compounds contained in VpCI-416 function by altering hydrocarbons so that the deposits can be removed with water. VpCI-416 can be metered into power washers, steam cleaners, dip tanks, and other cleaning equipment. Along with good detergent properties, VpCI-416 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-416 offers improved cleaning plus multimetal corrosion protection action in one step, resulting in significant savings. VpCI-416 has the unique ability to remove such deposits as heavy hydrocarbons, grease, drawing and buffing compounds, and machinery compounds.

FEATURES

- Heavy-duty chemical cleaner and degreaser with unique cleaning action for removing hydrocarbon deposits
- Multimetal corrosion inhibitors leave a temporary protective coating, affording protection for a few months at 5% minimum concentration*
- Provides exceptional resistance to pitting corrosion
- Non-toxic, non-corrosive, and does not contain nonylphenolethoxylates
- Provides excellent cleaning action at low temperatures
- Mild foaming
- Effective cleaner at low concentrations (1-3%)
- Exhibits hard water tolerance
- Formulation remains stable during freeze-thaw cycle
- Accepted by USDA for general cleaning in food plants (indirect contact with food)

*The estimated time of protection may vary due to conditions.

EFFECTIVE USES

- Machinery contaminated with oils
- Sheet metal coated with temporary protective oils or waxes prior to painting, pickling, or machining
- Metal parts contaminated with stamping, drawing, or buffing compounds
- Use as an effective additive for rinse tanks to improve protection for dry storage application (5-10% by weight)
- Multiple stage parts washers

APPLICATION

VpCI-416 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-416 to 5-10 parts water.

Normal Cleaning (i.e. parts washing):
1 part VpCI-416 to 10-40 parts water.

Light Cleaning (i.e. rinsing):
1 part VpCI-416 to 40-150 parts water.

PROPERTIES

Appearance	Slightly hazy yellow liquid
Exposure Time	20 seconds to 5 minutes
pH	11.5-12.5 (Neat)
Density	8.6-8.8 lb/gal (1.03-1.05 kg/l)
Temperature Range	50°-300°F (10°-149°C)
Non-volatile Content	18-23%

PACKAGING

VpCI-416 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes, and bulk.

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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