

VCI-418 Powder / VCI-418 Liquid

DESCRIPTION

VCI-418 is a heavy-duty alkaline cleaner/degreaser for cleaning industrial, oil field, commercial and marine equipment. VCI-418 is designed for use in power washing machinery, high agitation parts washers and high-pressure spray washers.

VCI-418 is non-flammable, nitrite-free, non-toxic and does not present disposal problems associated with most phosphate cleaners.

VCI-418 contains inhibitors to protect metal parts from corrosion after cleaning. It has a unique ability to remove difficult deposits such as heavy hydrocarbons, greases, drawing and buffing compounds, and mill and machinery oils.

FEATURES

- Heavy-duty alkaline cleaner and degreaser with unique cleaning action for removing hydrocarbon deposits
- Nitrite- and amine-free
- Contains an inhibitor package for multimetal protection
- Requires mechanical action to be effective
- Leaves no residual film and will not affect paint adhesion qualities
- Prevents flash rust
- Safe to use on glass and most plastics
- Non-foaming

EFFECTIVE USES

- Machinery, engine blocks, or forgings coated with grease or oil deposits
- Plate, sheet metal and metal castings covered with oily films prior to painting or pickling
- Metal parts contaminated with stamping, drawing or buffing compounds
- Pressure washing

APPLICATION

VCI-418 can be applied using power washers and sprayers.

Mix VCI-418 into water until fully dissolved. Take pH and refractometer measurements to establish benchmark readings.

RECOMMENDED DILUTIONS

Light cleaning:

Use 2% (by weight) VCI-418 Powder or 3% (by weight) VCI-418 Liquid in water.

Normal cleaning:

For machinery, rail cars, offshore equipment and tanks contaminated with medium deposits, use 3% VCI-418 Powder or 4% (by weight) VCI-418 Liquid in water.

Heavy-duty cleaning:

For drilling mud, grease, crude, bilges, concrete surfaces and structures, use 5-8% (by weight) VCI-418 (liquid or powder) in water.

Steam cleaning:

Use 2% by weight VCI-418 or 3% by weight VCI-418 Liquid in water.

Temperature range:

VCI-418 is recommended for use in temperatures ranging from 95°-160°F (35°-71°C).

PROPERTIES

VCI-418 Powder

Appearance	Light yellow powder
pH	11.8-12.8 (1% aqueous)
Non-volatile Content	97-100%

VCI-418 Liquid

Appearance	Slight hazy yellow liquid
pH	11-12 (1% aqueous)
Non-volatile Content	8-11%
Density	8.9-9.0 lb/gal (1.07-1.08 kg/l)

PACKAGING

VCI-418 Powder is available in 100 pound (45 kg) drums and bulk. VCI-418 Liquid 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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