



SURFACE PREPARATION PRODUCTS

VpCI[®]-418/VpCI[®]-418 Safe-T-Charge



DESCRIPTION

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

VpCI[®]-418 is non-flammable, nitrite-free, and does not present disposal problems associated with most phosphate cleaners.

VpCI[®]-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.

VpCI[®]-418 Safe-T-Charge (Patented)

VpCI[®]-418 Safe-T-Charge combines all the cleaning properties of VpCI[®]-418 with a convenient delivery system. VpCI[®]-418 Safe-T-Charge packaged in a polyvinyl alcohol bag (PVA) for safe handling and easy measurement. Simply place the bag into the wash system and allow the bag and powder to dissolve. VpCI[®]-418 Safe-T-Charge is available in 1 lb (0.45 kg) and 5 lbs (2.26) kg.

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
- Available in the convenient delivery system, VpCI[®]-418 Safety-T-Charge

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

VpCI[®]-418 can be applied using power washers and sprayers.

Mix VpCI[®]-418 into water until fully dissolved. Take pH and refractometer measurements to establish benchmark readings.

RECOMMENDED DILUTIONS

Light cleaning:

Use 2% (by weight) VpCI[®]-418 in water.

Normal cleaning:

For machinery, rail cars, offshore equipment, and tanks contaminated with medium deposits, use 3% (by weight) VpCI[®]-418 in water.

Heavy-duty cleaning:

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

Steam cleaning:

Use 2% by weight VpCl®-418 in water.

Temperature range:

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

PROPERTIES

Appearance	Light yellow powder
pH	11.8-12.8 (1% aqueous)
Non-volatile Content	96-100%

PACKAGING

VpCl®-418 is available in 100 pound (45 kg) drums and bulk. VpCl®-418 Safe-T-Charge is available in 20 lbs (4.6 kg) packages containing either 1 lb (0.45 kg) or 5lbs (2.3 kg) bags.

**FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT SAFETY DATA SHEET FOR MORE
INFORMATION**

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