



PREPARATION PRODUCTS

VCI-411

DESCRIPTION

VCI-411 is a heavy-duty, water-dilutable, D-Limonene-based cleaner/degreaser liquid. This product is designed for extra tough cleaning jobs in industrial and commercial applications. VCI-411 cleans heavyduty machinery, shop tools, hoods, parts-in-process, food processing equipment, office equipment, floors, walls, lavatories and desks. VCI-411 is very effective in dissolving grease, oil, paraffins and waxes.

VCI-411 can be used on all engineering metals and alloys.

Unlike other solvent cleaners available on the market today, which are harmful to human skin and classified as hazardous materials, VCI-411 is safe to handle. It offers a pleasant odor and is biodegradable. VCI-411 is also stable in water dilutions from 5% to 50%.

TYPICAL USES

- Universal cleaning applications
- Machinery or engines coated with grease or oil
- Sheet metal covered with oil or waxy films prior to painting
- Machined parts coated with waxes or greases prior to assembly
- Castings coated with temporary protective oils or wax sealers
- Excellent for removing adhesives
- Removes temporary coatings like Cortec® VCI-368 or VCI-389
- Wash hands to remove oils during machining operations
- Petroleum equipment, pipes, vessels, drilling tools, tanks, pipelines, etc.

APPLICATION

Heavy-duty cleaning: 20% to 50% VCI-411 in water. For heavy-duty cleaning, allow VCI-411 to penetrate through the dirt and grime and break it free from the metal surface.

Examples of heavily soiled parts:

- Gearboxes
- Engines
- Process and plant machinery
- Oil platforms

Medium-duty cleaning: 10% to 20% VCI-411 in water

Examples of medium-duty cleaning:

- Production parts
- Steel coils
- General machinery maintenance

Light-duty cleaning: 5% to 10% VCI-411 in water

Examples of light-duty cleaning:

- Walls and floors
- Lavatories
- Desks and office equipment

PROPERTIES

Appearance Clear yellow liquid

8.0-8.1 lb/gal (0.96-0.97 kg/l) Density

рΗ 9.0-10.5 (Neat)

PACKAGING AND STORAGE

VCI-411 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes and bulk.

Minimum storage temperature: 32°F (0°C) Maximum storage temperature: 120°F (49°C)



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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4119 White Bear Parkway, St. Paul, MN 55110 USA Phone (651) 429-1100, Fax (651) 429-1122 Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com Internet http://www.cortecvci.com

Distributed by:



OTiK Sp. z o.o. ul. Hutnicza 4 81-061 Gdynia

tel.: 58 6230498 fax: 58 6230496

otik@use.pl

www.inhibitory.use.pl















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