

# CLEANERS

## QUAKERCLEAN® 624 CP CLEANER AND METAL PRESERVATIVE APPLICATION SHEET

### BENEFITS

- » **Used to clean and protect metal surfaces in one step simplifying operations and keeping inventory costs low.** Product will provide 30-60 days of corrosion protection to the metal surface when not rinsed
- » **Safe for use on both ferrous and non-ferrous metals.** This single product can be used for two applications reducing inventory and costs
- » **Moderate pH and very worker compatible**
- » **No foam generation at temperatures up to 150°F.** This means less product consumption and lower costs
- » **Hard water compatibility and imperceptible film on parts facilitates gauging and the handling of parts**

### APPLICATIONS

QUAKERCLEAN® 624 CP is a dual-purpose, mild alkaline liquid that simultaneously cleans and protects metal surfaces in a single processing step. This product is designed for ferrous (steel and cast iron) alloys and non-ferrous (aluminum) alloys.

QUAKERCLEAN® 624 CP will not foam and works extremely well in deburring operations with spray pressures in excess of 2,500 psi (172 BAR).

### CUSTOMERS

- » Bosch
- » Electro Motive Diesel
- » General Motors
- » Honda
- » Volvo

### CORPORATE APPROVALS

- » Chrysler NPM No. 12-270-6053
- » Ford TOX No. 175019
- » General Motors HMCS ID No. 1182432

### PROPERTIES

PROPERTY	TYPICAL VALUE
Appearance	Colorless to Light Yellow
Pounds per gallon at 60°F	8.91 lbs/gal
Neat pH at 77°F	10.5
Flash Point via COC	Boils at 212°F / 100°C
Odor	Bland
Appearance (10% dilution)	Clear, Light Yellow Solution
pH (5% distilled water)	9.7



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### PROCESS COMPATIBILITY

To enhance process compatibility, use Quaker metalworking fluids and cleaners.

### FLUID MAINTENANCE

This product can be used in one or multi-stage spray and immersion systems as defined below.

#### SPRAY EQUIPMENT

Concentration	3 - 5% by Volume
Temperature	Ambient to 145oF
Pressure	5-5,000 psi
Contact Time:	Dependent on soil condition of part

#### IMMERSION EQUIPMENT

Concentration	4-8% by Volume
Temperature	Ambient to 150oF
Contact Time:	2 - 10 minutes

Water rinsing is not necessary, as the residual film will provide short-term indoor corrosion protection. An Alkalinity Titration to determine the concentration of this product is available upon request. Please consult with your Quaker representative.

### STORAGE AND HANDLING

QUAKERCLEAN® 624 CP is available in drums (54 gal/481 lbs) or totes (320 gal/2,851 lbs). All containers are filled to volume by weight.

This product has a shelf life of 12 months. Like most chemicals, it should be stored out of direct sunlight in temperatures between 40°F (4°C) and 100°F (38°C).

### GREEN TECHNOLOGY

QUAKERCLEAN® 624 CP does not contain any strong acids, strong alkalis, nonylphenol ethoxylates (NPEs), solvents, ozone depleting compounds, silicates, phosphates or chelating agents.

No VOC at recommended use concentration and temperature. QUAKERCLEAN® 624 CP has a mild operating pH and is nonflammable and non-combustible. Effective cleaning at ambient temperatures reduces energy costs.

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