

REWOQUAT® CQ 100 G

Description

REWOQUAT® CQ 100 G is a heavy-duty specialty blend of nonionic and cationic surfactants with the following properties:

- Broad application use (compatible with a wide range of surfaces)
- Can be used at low, neutral and high pH
- Compatible with nonionic, anionic and amphoteric surfactants
- Excellent cleaning properties
- Optimal degreasing in combination with chelating agents
- Easy to rinse (quick drying)
- Imparts gloss
- Anti-static effect
- Good tolerance to hard or soft water
- Good emulsification ability
- Good anti-redepositing capacity

Key Features and Benefits

The remarkable cleaning power of REWOQUAT® CQ 100 G against organic soil means that it can often replace solvents or a solvent based cleaner.

If oily residues contain soot or pigments, REWOQUAT® CQ 100 G shows particularly good cleaning efficiency. REWOQUAT® CQ 100 G is mainly used for water based alkaline hard surface cleaners on vehicles and in automotive repair shops. Also used as a strong degreasing surfactant for various industrial cleaning applications. For removal of traffic film on vehicles or brake dust on rims – REWOQUAT® CQ 100 G exhibits a good cleaning and anti-static effect, even on plastic surfaces. As an acidic cleaner, REWOQUAT® CQ 100 G can be used for sanitary areas or in de-scalers for tile surfaces.

Chemical and Physical Properties (Not Part of Specifications)

Appearance	Clear to slightly opalescent liquid
Color	Yellowish
Active matter	~100%

Storage and Handling

The product can be stored in its sealed original container at temperatures between 20 °C and 30 °C for at least 12 months after date of delivery. At temperatures below 5 °C the product could be damaged.

Packaging

REWOQUAT® CQ 100 G is available in the following package sizes:

- 200 kilogram drum
- 1,000 kilogram tote
- Bulk

Hazardous goods classification

Please refer to our material safety data sheet for information concerning:

- Classification and labelling according to regulations for transport and for dangerous substances
- Protective measures for storage and handling
- Measures in case of accidents and fire
- Toxicity and ecological effects

Guideline Formulations

Heavy Duty Fat Solve

Water	77.0 %
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Tetrasodium salt of EDTA, 87 %	8.0 %
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Sodium metasilicate 5 H ₂ O	3.0 %
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REWOQUAT® CQ 100 G	12.0 %
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Preparation:

Dissolve EDTA and metasilicate in water and blend REWOQUAT® CQ 100 G while stirring.

Application:

Ready-to-use dilution: 1 – 5 %.

Traffic Film Remover

Water	79.0 %
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Iminodisuccinate, Na-salt, 30 %	10.0 %
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Sodium metasilicate 5 H ₂ O	3.0 %
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REWOQUAT® CQ 100 G	8.0 %
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Preparation:

Dissolve metasilicate in water and blend IDS and REWOQUAT® CQ 100 G while stirring.

Application:

Ready-to-use dilution: 3 % to neat.

Multi Purpose Fat Solve

Water	84.0 %
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Tetra Potassium Pyrophosphate	8.0 %
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REWOQUAT® CQ 100 G	8.0 %
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Preparation:

Dissolve TKPP in water and blend REWOQUAT® CQ 100 G while stirring.

Application:

Ready-to-use dilution: 1 – 3 %.

Phosphate-Free Pre-soaks

(chemically compatible with bug remover)

	High pH	Low pH
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Water	67.0 %	82.0–87.0 %
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EDTA or NTA	8.0	
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Sodium Metasilicate Pentahydrate	3.0	
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Glycolic, Gluconic or Citric Acid		5.0–8.0 %
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REWOQUAT® CQ 100 G	12.0 %	8.0 – 10.0 %
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Ready-to-use dilution	1:50 – 1:150	1:75–1:200
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Manufacturing:

Dissolve all ingredients in water, then add surfactant

Application:

Preferably use high pH pre-soak as a first step after the bug remover: it will not neutralize the bug remover, so its contact time will be extended.

Using the low pH pre-soak as a second step will help neutralize the high pH pre-soak, thus the drying agent will work better

*Proper dilutions to be established by carwash based on climate, geographic location, equipment efficiency, chemistry of the other cleaners, etc.

Canvas cleaner, antistatic

Water	87.5 %
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Sodium gluconate	3.0 %
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Potassium Tripolyphosphate, 50 %	3.0 %
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REWOQUAT® CQ 100 G	6.0 %
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REWOCOROS® B 3010	0.5 %
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Preparation:

Blend ingredients in the given sequence while stirring.

Application:

Ready-to-use dilution: 2 – 10 %.

Rim Cleaner

Water	87.0 %
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Sodium metasilicate 5 H ₂ O	3.0 %
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Sodium carbonate	2.0 %
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REWOQUAT® CQ 100 G	8.0 %
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Preparation:

Dissolve metasilicate and carbonate in water and blend REWOQUAT® CQ 100 G while stirring.

Application:

Ready-to-use dilution: 1 % to neat.

Descaler, highly active

Water	75.0 %
Phosphoric acid, 85 %	20.0 %
REWOQUAT® CQ 100 G	5.0 %

Preparation:

Blend ingredients in the given sequence while stirring.

Application:

Ready-to-use dilution: 2 - 10 % or neat.

Phosphate-Free Bug Remover (Highly dilutable*, Premium Formula)

Water	90.0 %
EDTA or NTA	1.5 %
Sodium Carbonate	1.5 %
REWOQUAT® CQ 100 G	7.0 %

Ready-to-use dilution: 1:35 - 1:100

Manufacturing:

Dissolve solids in water, then add REWOQUAT®CQ100 G during stirring

Application:

*During hot summer days, if car is not pre-rinsed with cold water, especially when product is applied on hot, dry and dark automobile surfaces, higher dilution should be used to prevent surface damage.

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