

# REWOQUAT® W 3690 PG

## Product description

1-methyl-2-noroleyl-3-oleic acid amidoethyl imidazolinium methosulfate

## Physical properties

1. Appearance (20 °C)	yellow, clear liquid
2. Active matter (mw = 723)	74 - 77 %
3. pH value (5 % in IPA/water)	4.0 - 5.5
4. Colour (Gardner)	max. 7

## Application

REWOQUAT® W 3690 PG is a cationic hydrophilic softener. It is useful as a coupler and co-emulsifier for cationic formulations.

REWOQUAT® W 3690 PG can be used to formulate high concentrated dispersions.

## Benefits

REWOQUAT® W 3690 PG contains no flammable solvent.

REWOQUAT® W 3690 PG is an easy to handle, highly substantive liquid cationic surfactant with weak emulsifying properties.

REWOQUAT® W 3690 PG is a substantive softener. It is dispersible in water and imparts excellent re-wetting properties to the treated fabrics. It is usable for the production of high concentrated aqueous dispersions.

REWOQUAT® W 3690 PG is rather yellowing on white fabrics. It imparts ozone-fade resistance to the treated fabrics or garments (jeans).

## Dosage/Handling

For the direct application the use of stock dispersions of about 5 % concentration is recommended.

For the padding application (Foulard) approx. 2 to 6 g/l REWOQUAT® W 3690 PG are used.

In the exhaust method approx. 0.1 - 0.8 g/l REWOQUAT® W 3690 PG (based on textile weight) are used (temperature approx. 45 °C, duration approximately 20 minutes).

Dosage has to be adjusted on the specific application, as well as on the required performance.

## Registration status

The components of REWOQUAT® W 3690 PG are listed in the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, ECL and China

## Storage stability

REWOQUAT® W 3690 PG as delivered can be stored in closed drums for 12 months.

REWOQUAT® W 3690 PG contains 1,2-propylene glycol as a solvent. Prolonged storage at elevated temperatures (approx. 60 °C) will result in product discolouration. The storage tanks should be equipped with heating facilities and circulation pumps or stirring devices to avoid separation of the stored raw material.

## Packaging

180 kg plastic drums

Pallet size: 4 x 180 kg = 720 kg

950 kg net in plastic containers 1 000 l

## Hazardous goods classification

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

is given in our material safety data sheets.

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### Trademark notice and legal notice

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