

## Product Specification

## REWOQUAT® CPEM

## Product description

Coco pentaethoxy methyl ammonium metho-  
sulfate

## Physical properties

Appearance (20 °C)	Yellow, clear liquid
Solids content	Min. 98 %
Colour (Gardner)	Max. 12
pH value (1 % in water)	5.0 – 7.0

## Application

REWOQUAT® CPEM is used as antistatic agent in various textile applications. Besides, it is used as cationic emulsifier or co-emulsifier alone or in combination with non-ionic emulsifiers.

## Benefits

REWOQUAT® CPEM is a highly concentrated, liquid cationic antistatic agent. REWOQUAT® CPEM does not contain any flammable solvent. It is strongly substantive, low-foaming and has emulsifying properties. REWOQUAT® CPEM is compatible with non-ionics, amphoteric and other cationics. With anionic surfactants, REWOQUAT® CPEM usually forms soluble ion pairs. The compatibility of REWOQUAT® CPEM with anionic surfactants has to be checked for each particular case.

REWOQUAT® CPEM exhibits good stability versus acids, alkalis, electrolytes and hardness salts in conditions currently encountered in practice. REWOQUAT® CPEM is stable to hydrolysis, has a good heat stability and an outstanding tolerance versus calcium ions.

REWOQUAT® CPEM is clearly soluble in cold and warm water up to concentrations of 20 – 30 %. It is soluble in hydrocarbons and chlorinated hydrocarbons at low concentrations (about 5 to 10 %).

## Dosage/Handling

REWOQUAT® CPEM can be applied from aqueous dilutions by the exhaust method, by dipping, lick rollers or by spraying.

Use of 10 % concentration stock dilutions is recommended.

Dosage depends on the application and specific formulation in use, as well as on the required performance.

## Registration status

The components of REWOQUAT® CPEM are listed in the following chemical inventories:

EINECS, TSCA, DSL, AICS, ECL, BAGT, NEPA and China

## Storage stability

REWOQUAT® CPEM as delivered can be stored in closed drums and containers for 12 months.

REWOQUAT® CPEM is not sensitive to frost, but the product stored at temperatures below 20 °C is highly viscous and has to be slightly heated under stirring for proper handling.

Prolonged storage at temperatures above 40 °C or overheating should be avoided.

## Packaging

200 kg open top steel drums  
4 x 200 kg = 800 kg per Pallet

## 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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