

## Product Information

## TEGOTEX® CS 0510

## PRODUCT DESCRIPTION

Di-(palm-carboxyethyl)-N-hydroxyethyl-N-methylammonium-methyl-sulfate

## Typical Properties

Property	Unit	Value
Activity	%	100
Appearance		Yellow paste
Biobased Content	%	64
Color Gardner		≤5
pH Value 4% in IPA/Water		2.0-3.5
Viscosity 60 °C	mPa·s	800

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

TEGOTEX® CS 0510 can be applied on non-wovens, woven and knitted textile goods as well as on cellulosic fibers, threads and yarns.

Examples for application of TEGOTEX® CS 0510

- Handle finishing of textiles made of cellulosic fibers, synthetic fibers, wool and their blends
- Softening for cellulosic articles, e.g. viscose, rayon, tissue
- Preparation of acrylic tow for stretch breaking
- Softener in the dye bath at the dying process of hydrophilic fibers
- Softening of made-up articles of clothing, e.g. jeans
- Softener in resin finishing
- Softener for non-wovens

## Product Composition

Product Composition	Unit	Value
Active Matter	mEq/g	1.0-1.2
Solids Content	wt%	97-100

The data represents typical values (no product specification)

## BENEFITS &amp; ADVANTAGES

- TEGOTEX® CS 0510 can be used at lower temperatures compared to conventional TEA-Esterquats
- It has a strong antistatic effect and is highly substantive
- It combines excellent rewetting properties with a soft, smooth handle and environmentally favorable behavior of TEA-Esterquats
- For white goods treated with TEGOTEX® CS 0510, it imparts a good levelling effect on cationic dyes, whilst not adversely affecting the speed of dyeing

## HANDLING &amp; PROCESSING

The product is suitable for application by the exhaust method and from short liquor, e.g. padding machine and backwasher. For tissue and wet-laid non-woven applications, it may be added in the wet end or applied during conversion. The dosage depends on the application and specific formulation in use, as well as on the performance required. TEGOTEX® CS 0510 can be easily dispersed slowly into water at 25°C (77°F). Hard, soft, or deionized water can be used. Both deionized water and soft water tend to produce higher viscous dispersions. TEGOTEX® CS 0510 as solvent free biodegradable TEA-Esterquat is used in aqueous dispersions ranging from 5 to 20%. At concentration levels above 12% some (max. 0.7%) CaCl<sub>2</sub> could control viscosity. The stability and viscosity of the finished dispersion can be affected by water quality, mixing conditions, temperature, pH level and additives.

## PACKAGING

25 kg cans

Pallet size 32 x 25 kg = 800 kg

180 kg open top steel drums

Pallet size 4 x 180 kg = 720 kg

Bulk

## SHELF LIFE

TEGOTEX® CS 0510 as delivered can be stored in closed drums for up to 6 months. Prolonged storage at elevated temperatures (up to 60°C) will result in product discoloration. For easier handling, we recommend heating the product to 30-40°C.

## HAZARDOUS SUBSTANCE

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.

## REGISTRATION LISTING SUMMARY

The relevant components of TEGOTEX® CS 0510 are listed/registered or exempt in the following chemical inventories:

### Registration Listings

Registry	Status
Australia (AIIC)	Yes
Canada (DSL)	Yes
China (IECSC)	Yes
EU (EINECS/ELINCS)	Yes
Japan (ENCS)	Yes
South Korea (KECL)	Yes
New Zealand (NZIoC)	Yes
Taiwan (TCSI)	Yes
USA (TSCA)	Yes

### Disclaimer

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### Evonik Operations GmbH

Interface & Polyurethane Additives  
Goldschmidtstraße 100  
45127 Essen  
Germany