

Product Information

TEGOTEX® CS 0182

PRODUCT DESCRIPTION

TEGOTEX® CS 0182 is a cationic softener of amidoamine ethoxyquat, based on vegetable and synthetic raw materials.

Typical Properties

Property	Unit	Value
Activity	%	83
Appearance		yellowish, soft paste
Boiling Point, min.	°C	80
Color		< 4
Gardner		
Density	g/cm ³	0.95-0.97
50 °C (DIN 51757)		
Flash Point, min.	°C	34
DIN 53213		
Melting Point	°C	18
pH Value		5.0-6.5
4% in IPA/Water		
Solubility		dispersible in water
Viscosity	mPa·s	145-155
50 °C (ISO 6288)		

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

- Could be applied by exhausting and padding process
- Excellent softening agent for natural and blend fabrics
- Raw material for yarn lubricant or raising agent formulations

TEGOTEX® CS 0182 is strongly recommended in denim and garment washing softener.

Product Composition

Product Composition	Unit	Value
Active Content	wt%	82-84

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- Imparting yarn or fabric with fluffy and bulky hand feeling
- Strong substantive, easy to be adsorbed in fabrics
- Antistatic
- Medium rewetting
- Low yellowing
- Cold-water dispersible
- Compatible with nonionic, cationic and amphiprotic surfactant, incompatible with anionic surfactant
- Good stability versus acids, alkalis and electrolytes, good hard water stability

DOSAGE

For exhausting process we recommend a dosage of approx. 0.5 - 1 % (based on textile weight).

In padding process we recommend a dosage of approx. 2 - 8 g/L.

HANDLING & PROCESSING

1. Preparation of low concentrate dilution 1:9 dilution
90 parts DI-water
10 parts TEGOTEX® CS 0182

Add DI-water into vessel and start stirring, and then slowly add TEGOTEX® CS 0182, after finish adding, keep stirring for 20-30 min to get an homogeneous dilution.

Note: Although TEGOTEX® CS 0182 has good cold-water dispersible property, we recommend to heat DI-water to

30-40°C for getting homogeneous dilution with good particle size distribution.

2. Preparation of high concentrate dilution (1 : 3 dilution)

30 parts	DI-water
10 parts	TEGOTEX® CS 0182
1 - 1.5 parts	CaCl2 (25%)

- Heat DI-water to 40 °C and start stirring, then slowly add 1/2 TEGOTEX® CS 0182, after that, add the rest TEGOTEX® CS 0182 and CaCl2 solution to keep continuously stirring. After finish adding, keep stirring and cool down to RT
- Adjust pH value to 5-6, and keep stirring for 20-30 min. to the end

PACKAGING

193 kg/drum

STORAGE

The product can be stored in the original sealed container at room temperature for 12 months.

Prolonged storage at elevated temperatures (approx. 60 °C) will result in product discoloration.

To ensure homogeneity after prolonged storage or transport, it is recommended that the material is stirred prior to use.

SHELF LIFE

12 months in original sealed containers at room temperature.

Prolonged storage at elevated temperatures (approx. 60 °C) will result in product discoloration. The storage tanks

should be equipped with heating facilities and circulation pumps or stirring devices to avoid separation of the storage raw material.

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 0182 are listed/registered or exempt in the following chemical inventories:

Registration Listings	
Registry	Status
Australia (AICIS)	Yes
China (IECSC)	Yes
European Union (EINECS/ELINCS)	Yes
Philippines (PICCS)	Yes

Disclaimer

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