

Product Information

REWOSOFT® TE 19

PRODUCT DESCRIPTION

Di (hard tallow fatty acid amidoethyl) N-polyethoxy amine.

Typical Properties

Property	Unit	Value
Amine Value	mg KOH/g	70
Appearance		Yellow, solid material
Color Gardner		≤4

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

By reaction with acids, REWOSOFT® TE 19 gives cationic products, which are substantive in the acidic pH range.

REWOSOFT® TE 19 is used under neutralized form as softener, antistat and levelling agent.

REWOSOFT® TE 19 salts are useful in applications as

- Softener for cellulosic fibers
- Softener and antistatic agent for synthetic fibers
- Softener for the preparation of acrylic flock (application in the dyeing bath)
- Softener, antistatic and levelling agent for the one bath dyeing and finishing of acrylics (hanks)

BENEFITS & ADVANTAGES

- REWOSOFT® TE 19 is a raw material for the production of pseudo-cationic softeners. Under cationic form, it has excellent softening, antistatic and non yellowing properties and is suitable for the treatment of native and synthetic fibers, especially of cotton and acrylics
- Goods treated with REWOSOFT® TE 19 salts show a soft and greasy hand
- The REWOSOFT® TE 19 salts are compatible with non-ionic, amphoteric and cationic substances and are not compatible with anionic substances and optical brighteners. They exhibit good stability to acids, electrolytes and water hardness. The products are readily dispersible in water

HANDLING & PROCESSING

Preparation of aqueous dispersions: The REWOSOFT® TE 19 salt melt (approx. 55 to 60°C) is poured slowly under continuous stirring into warm water (approx. 35-45°C). The pH value of the dispersion is adjusted with hydrochloric, lactic or acetic acid in the range 4.0 to 5.5. Finally, the dispersion is cooled slowly under stirring. For padding (Foulard) approx. 0.6-2.0 g/l REWOSOFT® TE 19 salts are used for cellulosics and approx. 1.0-5.0 g/l REWOSOFT® TE 19 salts are used for synthetics. In the exhaust technique approx. 0.1-0.6% REWOSOFT® TE 19 salts (based on textile weight) are used (temperature about 35-50°C, duration about 20 minutes). For the direct application it is recommended to use stock dispersions of approx. 10% concentration.

PACKAGING

180 kg net in open top steel drums 216 l Packaging size: 4 x 180 kg = 720 kg.

SHELF LIFE

REWOSOFT® TE 19 as delivered can be stored in closed steel drums for 12 months. Prolonged storage at elevated temperatures (approx. 60°C) will result in product discoloration.

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 REWOSOFT® TE 19 are listed/registered or exempt in the following chemical inventories:

Registration Listings

Registry	Status
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Australia (AIRC)	Yes
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China (IECSC)	Yes
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EU (EINECS/ELINCS)	Yes
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Registration Listings

Registry	Status
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USA (TSCA)	Yes
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Disclaimer

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