

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		< = 4
Gardner		

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 discolouration.

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
----------	--------

Australia (AICIS)	Yes
-------------------	-----

China (IECSC)	Yes
---------------	-----

European Union (EINECS/ELINCS)	Yes
--------------------------------	-----

Registration Listings

Registry	Status
----------	--------

United States of America (TSCA)	Yes
---------------------------------	-----

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH

Interface & Performance
Goldschmidtstraße 100
45127 Essen, Germany
Phone Europe +49 201 173-2665
Phone Asia +86 21 61191 125
Phone Americas +1 804 727 0700
interface-performance@evonik.com
evonik.click/interface-performance