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Etoxon 26%

TECHNICAL DATA SHEET **TL 586/2010**

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Product characteristics

ETOXON 26% is a water solution of sodium alkyl-poly-glycol-ester-sulphate.

Use

ETOXON 26% is used as a basic raw material for production of washing, cleaning and degreasing agents in all types of industrial branches. Product is processed with other types of surfactants to produce wide variety of cosmetic destined for personal hygiene (hair shampoos, liquid soaps, bathing foams etc.). It is also used as a emulsifying and cleaning agent.

Product features

ETOXON 26% is colourless up to yellowish liquid of anionic character. It is stable in slightly acidic or alkaline environment as well as in hard water over 30 °n.t. Product features high foaming power and foam stability and even significant emulsifying properties and excellent biodegradability.

Etoxon 26% must comply with these quality signs:

Quality sign	Value	Methodology of setting
Content of anionic surfactant (%)	25 to 27	ČSN ISO 2271
Content of sodium sulphate (%)	max. 1,5	PN-ZM 586/2010
pH of 3% water solution	6,5 up to 7,5	PN-ZM 586/2010
Colour of solution (mg J/100 cm ³)	max. 5	PN-ZM 586/2010

Product manufacturing

With respect to very good emulsifying and degreasing properties ETOXON 26% is utilizable in varied industrial branches as a raw material for the production of detergents, cleaning and washing agents with miscellaneous use.

1. Production of detergents

ETOXON 26% is a basic compound for the formulation of universal washing, cleaning and degreasing agents. A huge synergetic effect with other types of surfactants such as alkyl benzene-sulphonates (ALSON NA), alkyl-sulphates or sulfosuccinates (ALTARA POA) is used in prescriptions. Significant compounds of the prescription are viscous and dermatological additives such as ALVOL AKD OR ALVOL BMK. On the other hand, use in formulations of preparations for personal hygiene

is significant. In here, other characteristic components are added into surfactant base for particular products i.e. pearling additives, scented compositions, conservation additives, vegetable extracts, pH regulators and viscosity regulators.

2. Textile industry

- 2.1. Pressure as well as non-pressure klering: 0.5 up to 2 g/l
- 2.2. Washing of textile materials in neutral, alkaline or slightly acidic environment: 1 up to 3 g/l
- 2.3. Goods scouring after dyeing or printing: 0.5 up to 2g/l
- 2.4. Hand removal of stains: 100 g/l

3. Sector of communal services

3.1. Washing

Washing of any assortment of clothing (linens, underwear, towels, dish-cloth, working cloaks etc.) is possible with **ETOXON 26%**

3.2. Textile cleaning

To remove local dirtiness ETOXON 26% is used either in concentrated form or diluted with water in proportion of 1:3 to 1:5. Afterwards, clean-made stains are washed in warm water.

3.3. Wet carpet cleaning

For these purposes, ETOXON 26% is used in concentration 10 up to 30 g/l. The carpet is soaked by the solution of ETOXON 26% and brushed mechanically. The rests of the preparation altogether with removed dirt are rinsed by water. Due to the neutral reaction of **ETOXON 26%** sinking of particular carpet patterns is suppressed.

4. Leather industry

4.1. Additive into fat liquoring blends

Dosage: 0.5 up to 1.5 % of **ETOXON 26%** per rasping scale.

4.2. Nap washing in production of furs

Dosage: 0.2 up to 1g/l

Packing and storage

ETOXON 26% is delivered in PE cans of the content of 50 litres or in other containers that have been discussed in advance. Transportation in storage tanks is also suitable. It is stored in closed containers at the places protected from direct climatic influences. The recommended storage temperature is from +5 to +25 °C. Keep protected from frost!

Transport

ETOXON 26% is transported in covered vehicles and is not subject to the ADR/RID regulations.

Warranty

If the product is transported and stored according to the above mentioned conditions, the warranty is 6 months from the date of stock-out.

Note

Data about the product characteristics and its manufacturing were acquired by laboratory measurements and

application tests. This technical sheet can only give a legal advice without any obligation. The manufacturing of the product must be adjusted to the specific conditions.

