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## Altaran PT

### TECHNICAL DATA SHEET TL 063/2001

Date of issue: 28.11.2003

Revision date: 22.07.2010

#### Product characteristics

**ALTARAN PT** is an aqueous solution of sodium-triethanolamine salt of alkyl-polyglycoether-sulfosuccinic acid.

#### Use

**ALTARAN PT** is used as a part of personal hygiene-care preparations such as hair shampoos, shower preparations, liquid soaps and intimate gels and so on. Here, gentleness of effectiveness propels even the final characteristic of the formulation

#### Product features

**ALTARAN PT** is an anion-active tenside with very well tolerance to skin and mucous membranes. This characteristic is featured synergistically in blends with other types of tensides, especially with alkyl-polyglycoether sulphate. It is well-miscible with other anion-active, non-ionic and amphoteric tenside. Subsequently, it is soluble and features very good dispersing properties for calcium and magnesium soaps

**Altaran PT** must comply with these quality signs:

Quality sign	Value	Methodology of setting
dry matter (%)	43 up to 47	PN-ZM 063/2001
3% pH of water solution	5 up to 8	PN-ZM 063/2001

#### Product manufacturing

**ALTARAN PT** is one of the basic components for production of gentle shampoos and bathing foams as well as liquid soaps and other preparations for personal hygiene. The fundamental possible ways for use may be ascertained from the following preparation recipes.

#### ***Hair shampoo for dry hair***

Altaran PT                    25 weight units  
Altapon EPA                20 weight units  
Flavol BMK                5 weight units  
Alvol AKD                  3 weight units

up to 100 weight units water and other additives common for these types of products. For thickening, use of for instance xanthan gums is required.

#### ***Bathing foam***

Altaran PT                    15 weight units  
Altapon EPA                20 weight units

Alvol BLA 6 weight units  
Alvol AKD 5 weight units  
up to 100 weight units water and other additives common for these types of products

#### **Packing and storage**

**ALTARAN PT** is supplied in 50liter polyethylene cans or in other containers that have been discussed in advance. Product is stored in closed containers at the places protected from direct weather influences. The recommended storage temperature is within +5 up to + 25 0C. When exposed to lower temperatures for a short-time period - such as during transportation – no negative effects on the application characteristics of the product occur.

#### **Transport**

**ALTARAN PT** 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.

