



## TECHNICAL DATA SHEET

002770-TDS-ENG-2019

ABIL QUAT 3272 (Quaternium 80)		
DESCRIPTION DCI: ---		DESCRIPTION DOE: ---
CAS Nº: ---	EC Nº: ---	AEMPS CODE: ---
MOL. WEIGHT: ---	MOL. FORMULA: ---	ARTICLE CODE: 002770

ATTRIBUTES	SHOULD BE
Refractive index	1.4240 - 1.4340
Density	0.998 - 1.018 g/mL
Color (Gardner Scale)	= < 3
pH (30 %)	6.5 - 8.5
Viscosity	550 - 950 mPa·s
Assay	
Active matter	49.0 - 51.0 %
Propyleneglycol	49.0 - 51.0 %

### COMPLIES WITH

Manufacturer specifications

### STORAGE

Storing and using the product in a regulatory manner, no special measures are necessary.

### REMARKS

**Product only suitable for cosmetic use.**

#### Intended use

Conditioning agent

#### Benefits at a glance

Highly substantive to skin and hair proteins because of their cationic charge.

Improvement of combability, feel and gloss of hair.

Antistatic effect.

Improvement of skin feel.

#### Properties

ABIL QUAT 3272 is used in conditioning shampoos and hair rinses. It is substantive to the hair keratin, and improves combability of wet and dry hair, electrostatic charge is reduced and the hair becomes silky, shiny and manageable.

ABIL QUAT 3272 is compatible with anionic surfactants.

#### Application

ABIL QUAT 3272 is preferred for use in shampoos, shower and bath preparations and liquid soaps.

In skin cleansing preparations, the interaction of ABIL QUAT 3272 with skin proteins provides a refatting effect that imparts a smooth and supple feel to cleansed skin.

#### Recommended usage concentration

0.2 - 2.0% in shampoos and skin cleansing preparations

0.5 - 4.0% in hair rinses