

UL PROSPECTOR® Product Datasheet

Plantacare® 2000 UP

PRD 30528526

Valid since 16.10.2015
Revision 12.6

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Care Chemicals**General characterisation****Chemical description**

C8-16 fatty alcohol glucoside

Raw material basis

Vegetable:

(coconut oil, palm kernel oil, glucose)

Labeling information**INCI name(s)**

Decyl Glucoside

Active ingredient information

Ingredient	CASR-No.	Remark
Alkylpolyglycoside C8-10	68515-73-1	
Alkylpolyglycoside C10-16	110615-47-9	

Product properties**Appearance**

Cloudy, viscous, aqueous solution of a C8-C16 fatty alcohol polyglycoside

Example of use

The turbidity of the product is attributable to a combination of its magnesium oxide content (max. 500 ppm magnesium) and the pH value at which it is supplied. This turbidity has no negative effects on the product properties and disappears if the pH value is adjusted to below 7. Plantacare® 2000 UP is a nonionic surfactant with excellent foaming capacity and good dermatological compatibility. Therefore it is suitable for use as a base surfactant or a co-surfactant in cosmetic surfactant cleansing preparations.



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Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

Quality control data

(Data which is used for quality release and is certified for each batch.)

Appearance at room temperature	Corresponds to the standard (Separation may occur. See additional information)	
Odor at room temperature	Corresponds to the standard	
Water	45 - 49 %	DGF H-III 3A
Active matter	51.0 - 55.0 %	Internal method 96000301
Viscosity Hoeppler (20 °C)	1000 - 6000 mPas	DIN 53015
Color number	max. 3.0	DIN ISO 4630
pH value (20 % in 15 % isopropanol)	11.5 - 12.5	Internal method 92001903

Stabilising additives / Auxiliaries

(type and concentration)

Preservatives

not present

Storage information

Shelf life

24 months

Storage temperature

Between + 10 °C and + 40 °C.

Storage conditions

In original sealed containers and protected from moisture.

Additional information

Upon storage of Plantacare® 2000 UP separation of the product may occur, which has no negative effects on the product quality. The product should be stirred until uniform before use. Containers and storage tanks made of V2A steel (material no. 1.4541) and of V4A (material no. 1.4571) are suitable for storing Plantacare® 2000 UP



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Intended for use as cosmetic ingredient

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