

## Technical Information

**Plantacare® 2000 UP**

PRD 30528526

Valid since 29.05.2019  
Revision 8.0

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**Care Chemicals****Nonionic Surfactant / Alkyl Polyglucoside****INCI name(s)**

Decyl Glucoside

**Chemical description**

C8-16 fatty alcohol glucoside

**Physical form:**

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

**Molecular weight**

approx. 390 g/mol

**CASR-No.**

68515-73-1

110615-47-9

**Ingredient**

Alkylpolyglycoside C8-10

Alkylpolyglycoside C10-16

**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.)

**Test property**

Appearance at room temperature

Odor at room temperature

Water

Active matter

Viscosity Hoeppler (20 °C)

Color number

pH value (20 % in 15 % isopropanol)

**Specification**

Corresponds to the standard

(Separation may occur. See additional information)

Corresponds to the standard

45 - 49 %

51.0 - 55.0 %

1000 - 6000 mPas

max. 3.0

11.5 - 12.5

Specific methods used for batch release see Certificate of Analysis.

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**Care Chemicals****Storage information****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

**Stabilising additives / Auxiliaries****Preservatives**

not present

**Antioxidants**

not present

**Solvents**

not present

**Others**

not present

**General information****Raw material basis**

Vegetable: (coconut oil / palm kernel oil, glucose)



We create chemistry

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Care Chemicals

## Composition hints for finished product label

### INCI Components

**INCI Name (US/EU/CN)**  
Decyl Glucoside

**Content**  
50 - 60 %

### Water Content

**Content**  
40 - 50 %

## Miscellaneous information

### 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.

**Intended for use as cosmetic ingredient**

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