

## Innovadex® Product Datasheet

**Lamesoft® PO 65**

PRD 30528377

Valid since	25.07.2014
Revision	1.1
WF-No.	2196
Page	1 of 3

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**Care Chemicals**

## General characterisation

### Chemical description

Mixture of alkyl glucoside with fatty acid glyceryl ester

### Raw material basis

Vegetable:

(coconut / palm kernel oil, sunflower oil, glucose, glycerine)

## Labeling information

### INCI name(s)

Coco-Glucoside (and) Glyceryl Oleate

## Active ingredient information

Ingredient	CASR-No.
Coco-Glucoside	68515-73-1, 110615-47-9
Glyceryl Oleate	68424-61-3

## Product properties

### Appearance

Transparent to slightly yellowish viscous product with characteristic odor

### Example of use

The product is preferably used as lipid layer enhancer for the production of surfactant cleansing preparations. On account of its viscosity-increasing properties Lamesoft® PO 65 contributes to the viscosity formation in cosmetic cleansing preparations such as shower gels, foam baths, shampoos and baby products. The presence of the dermatological high value alkyl poly glycoside contributes with approx. 1.7 % to the final washing active substance considering a dosage of 5 % Lamesoft® PO 65. Correspondingly the amount of the basic or secondary surfactant can be reduced.

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**Care Chemicals****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	
Odor at room temperature	Corresponds to the standard	
Water content (Karl Fischer)	32.0 - 35.0 %	DGF H-III 3A
Density (20 °C)	1.0600 - 1.1000 g/cm <sup>3</sup>	DIN 51757 V4
Viscosity Brookfield (20 °C)	2500 - 6000 mPas	ASTM D 2196
pH value (5 %)	3.0 - 4.0	DGF H-III 1

**Additional product descriptive data**

(Data which is proven statistically but not determined regularly.)

Dry residue	64.0 - 68.0 %	DGF G-III 1
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**Stabilising additives / Auxiliaries**

(type and concentration)

**Preservatives**

not present

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Page	3 of 3

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**Care Chemicals****Storage information****Shelf life**

12 months

**Storage temperature**

Between + 10 °C and + 30 °C

**Storage conditions**

In original sealed containers and protected from moisture.

**Additional information**

The product is preferably processed at temperatures between 15 and 25 °C. Storage at temperatures below 10 °C can lead to a crystallization. This property is characteristic of the product and reversible by stirring and heating at 25 - 35 °C. Prolonged storage and transportation of this material at temperatures > 30 °C can lead to an increase in the viscosity which has no effect on the efficacy of Lamesoft PO 65. Only the handling must be adjusted appropriately when the viscosity has increased (while stirring the viscosity can increase). Containers and storage tanks made of steel (material no. 1.4571) are suitable for storing Lamesoft® PO 65. The product is protected against oxidation through addition of mixed tocopherols.

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