

## Technical Information

**Soluprat® Shampoo**

PRD 30743370

|             |            |
|-------------|------------|
| Valid since | 10.09.2019 |
| Revision    | 1.0        |
| WF-No.      | 21262      |
| Page        | 1 of 4     |

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**Care Chemicals****Surfactant Composition****INCI name(s)**

Sodium Laureth Sulfate (and) Lauryl Glucoside (and) Cocoamidopropyl Betaine (and) Coco-Glucoside (and) Glyceryl Oleate (and) Guar Hydroxypropyltrimonium Chloride

**Chemical description**

Mixture of anionic, amphoteric, nonionic surfactants and conditioning agents

**Physical form:**

Colorless to yellowish, viscous liquid

| <b>CASR-No.</b> | <b>Ingredient</b>  |
|-----------------|--|
| 68891-38-3      | Alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO)                               |
| 110615-47-9     | D-Glucopyranose, oligomeric, C10-16-alkyl glycosides   |
| 61789-40-0      | 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts |
| 68515-73-1      | D-Glucopyranose, oligomeric, decyl octyl glycosides  |
| 110615-47-9     | D-Glucopyranose, oligomeric, C10-16-alkyl glycosides   |
| 68424-61-3      | Glycerides, C16-18 and C18-unsatd. mono- and di-   |
| 65497-29-2      | Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride   |

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| Page        | 2 of 4     |

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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.)

| <b>Test property</b>                   | <b>Specification</b>        | <b>Test method</b>    |
|--|-----------------------------|-----------------------|
| Appearance at 25 °C                    | Corresponds to the standard | Internal method 51748 |
| Odor at 25 °C                          | Corresponds to the standard | Internal method 51748 |
| Anionic active matter                  | 23.0 - 27.0 %               | Internal method 49536 |
| Solid content (0.2 g, 15 min., 160 °C) | 38.0 - 44.0 %               | Internal method 49554 |
| Sodium chloride                        | max. 3.5 %                  | Internal method 49509 |
| pH (10 %)                              | 5.0 - 6.0                   | Internal method 51770 |

**Storage information****Shelf life**

12 months

**Storage temperature**

Between 0 °C and + 30 °C

**Storage conditions**

In original sealed containers and protected from moisture

**Additional information**

On account of its high salt content the product can have a corrosive effect during storage in stainless steel tanks. Depending on the temperature, the pH value may decrease during storage and must be appropriately monitored by the customer.

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| Page        | 3 of 4     |

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**Care Chemicals****Stabilising additives / Auxiliaries****Preservatives**

DMDM Hydantoin

**Antioxidants**

not present

**Solvents**

not present

**Others**

Sodium chloride

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

|                |  |
|----------------|--|
| Vegetable:     | (Guar flour, coconut/palm kernel oil, glucose, sunflower oil, glycerine) |
| Petrochemical: | (mineral oil/natural gas)  |
| Inorganic      |  |

**Composition hints for finished product label****INCI Components**

| <b>INCI Name (US/EU/CN)</b>          | <b>Content</b> |
|--------------------------------------|----------------|
| Sodium Laureth Sulfate               | 24 - 30 %      |
| Lauryl Glucoside                     | 3 - 9 %        |
| Cocamidopropyl Betaine               | 3 - 9 %        |
| Coco-Glucoside                       | 1 - 2 %        |
| Glyceryl Oleate                      | 1 - 2 %        |
| Guar Hydroxypropyltrimonium Chloride | 0.45 %         |

**Auxiliaries**

| <b>INCI Name (US/EU/CN)</b> | <b>Content</b> |
|-----------------------------|----------------|
| DMDM Hydantoin              | approx. 0.06 % |
| Sodium Chloride             | max. 3.5 %     |

**Water Content**

| <b>Content</b> |
|----------------|
| 54 - 67 %      |



We create chemistry

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| Page        | 4 of 4     |

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**Care Chemicals**

## Miscellaneous information

### Example of use

Concentrated product containing anionic, amphoteric, nonionic surfactants and conditioning agents, which through simple dilutions, using 20 %, 25 % and 30 % of the product, promote the development of shampoo. Adding other products in this dilution allows the consumer to formulate shampoo with different performance.

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