

Technical Information

Soluprat® Liquid Soap

PRD 30756049

| | |
|-------------|------------|
| Valid since | 23.03.2020 |
| Revision | 1.0 |
| WF-No. | 23181 |
| Page | 1 of 3 |

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Care Chemicals**INCI name(s)**

Sodium Laureth Sulfate (and) Cocamidopropyl Betaine (and) Coco-Glucoside (and) Glyceryl Oleate

Chemical description

Mixture of anionic and amphoteric surfactants

Physical form:

Colorless to yellowish, viscous liquid

| CASR-No. | Ingredient |
|-----------------|--|
| 68891-38-3 | Alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO) |
| 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- |

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 | Specification | Test method |
|--|-----------------------------|-----------------------|
| Appearance at room temperature | Corresponds to the standard | Internal method 51748 |
| Odor at room temperature | Corresponds to the standard | Internal method 51748 |
| Anionic active matter (MW 382) | 23.0 - 27.0 % | Internal method 49536 |
| Solid content (0.2 g, 15 min., 160 °C) | 36.0 - 42.0 % | Internal method 49554 |
| Sodium chloride | max. 3.5 % | Internal method 49509 |
| pH (10 %) | 5.5 - 6.5 | Internal method 51770 |



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Storage information

Shelf life

12 months

Storage temperature

Between + 5 °C and + 45 °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. At low temperatures the product may become gel, which can be reversed by heating until 45 °C.

Stabilising additives / Auxiliaries

Preservatives

Isothiazolinone

Antioxidants

not present

Solvents

not present

Others

Sodium chloride

General information

Raw material basis

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

Petrochemical: (mineral oil / natural gas)

Inorganic



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Care Chemicals

Composition hints for finished product label

INCI Components

| INCI Name (US/EU/CN) | Content |
|------------------------|-----------|
| Sodium Laureth Sulfate | 20 - 30 % |
| Cocamidopropyl Betaine | 5 - 10 % |
| Coco-Glucoside | 1 - 5 % |
| Glyceryl Oleate | 1 - 5 % |

Auxiliaries

| INCI Name (US/EU/CN) | Content |
|---|---------------|
| Sodium Chloride | 1.5 - 3.5 % |
| Methylchloroisotiazolinone (and) Methylisotiazolinone | approx. 3 ppm |

Water Content

Content
55 - 65 %

Miscellaneous information

Example of use

Concentrated product containing anionic, amphoteric surfactants and moisturizing agent, which through simple dilutions, using 15 %, 25 % and 40 % of the product, promote the development of liquid soap. Adding other products in this dilution allows the consumer to formulate facial cleansers, bath and hand liquid soaps with different performance.

Intended for use as cosmetic ingredient

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