

**iSURF LG126**

**INCI Name (US):** Lauryl Glucoside

**INCI Name (EU):** Lauryl Glucoside

**CAS #:** 110615-47-9

**General Information/  
Characteristics:**

**iSURF LG126** is obtained from renewable, plant-derived raw materials such as vegetable oils and starch. Its first-rate environmental and skin compatibility profiles fit in well with consumer demands for wellness, green solutions, mildness to human skin, and safety for human health. Furthermore, they contribute to various performance benefits in personal and home care products as well as I&I applications.

**Benefits / Application:**

Benefits:

- It exhibits outstanding foaming behavior with dense and creamy foam bubbles.
- **iSURF LG126** is compared to Ammonium Lauryl Sulfate which is on top of the irritation score, followed by Sodium Laureth Sulfate and Cocamidopropyl Betaine. Results out of this test showed that Lauryl Glucoside has the lowest irritation potential of the surfactants tested. Similar results were obtained for ocular/mucous membrane irritation assessed using the red blood cell test (RBC): While Ammonium Lauryl Sulfate and Sodium Laureth Sulfate are irritating, Cocamidopropyl Betaine is moderately irritating and **iSURF LG126** is totally not irritating.
- Easy to use
- Good solubility
- Good alkali tolerance
- Good electrolyte tolerance
- Good compatibility with other components
- Outstanding mildness
- Ideal for sensitive skin
- Exceptional ecological and toxicological properties for a surfactant.

Application :

- Hand wash
- Facial cleanser

Distributed by Cospatech LLC – 3470 NW 82 AVE – SUITE 770 – 33122 FLORIDA – USA – Ph: +1-305-499-9572 Fax:+1-305-499-9577 – info@cospatech.com

We have made reasonable efforts to ensure that the information and suggestions regarding the statement of ingredients and conditions for use of our products is technically and scientifically accurate and up to date. We and our suppliers and agents neither commit nor guarantee the relevance, accuracy, presentation or use, or suitability of our products to any specific use. Such information and suggestions shall not be deemed to grant any patent license or any other intellectual property right. We cannot guarantee that the use made of our products, information and suggestions will respect the intellectual property rights of other third parties. Customers shall use our products, information and suggestions at their own risk and we will therefore not accept any liability whatsoever for any such above-mentioned accounts.



- Body wash
- Shampoo
- Laundry detergent
- Industry detergent

**Formulations Advices:** Dosage: 5-20%

**Regulatory Status:** No applicable

<b>Physic-Chemical Properties:</b>	Appearance	Viscous Liquid
	Color:	Water clear to Pale yellow
	pH value (25 °C, 10% soln)	11.5 – 12.5
	Solid content	Min. 50 %
	Residual Alcohol	Max. 1.0 %

*\*These values indicate typical specification; they are not intended to be used as product specifications*

**Additives:** Preservatives: No applicable

**Shelf Life / Storage Conditions** 24 months if stored. Keep in cool, dry, ventilated and lightless place.

**Packaging:** 125 kg/ drum

Distributed by Cospatech LLC – 3470 NW 82 AVE – SUITE 770 – 33122 FLORIDA – USA – Ph: +1-305-499-9572 Fax:+1-305-499-9577 – info@cospatech.com

We have made reasonable efforts to ensure that the information and suggestions regarding the statement of ingredients and conditions for use of our products is technically and scientifically accurate and up to date. We and our suppliers and agents neither commit nor guarantee the relevance, accuracy, presentation or use, or suitability of our products to any specific use. Such information and suggestions shall not be deemed to grant any patent license or any other intellectual property right. We cannot guarantee that the use made of our products, information and suggestions will respect the intellectual property rights of other third parties. Customers shall use our products, information and suggestions at their own risk and we will therefore not accept any liability whatsoever for any such above-mentioned accounts.

