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

Version: Date:

- Body wash
- Shampoo
- Laundry detergent
- Industry detergent

Formulations Advices: Dosage: 5-20%

Regulatory Status: No applicable

Physic-Chemical Properties:

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

Version: Date: