

Refoam APG126

INCI name:

Lauryl Glucoside

General Information:

Refoam APG126 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.

Specification:

Item	Specification
Appearance(25℃)	Colorless to yellowish viscous liquid or milky white paste
pH value (20%Isopropanol water solution)	11.0-12.5
Solid content (%) min	50
Free fatty alcohol (%) max	1.0

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

Formulator Benefits:

- It exhibits outstanding foaming behavior with dense and creamy foam bubbles
- Refoam APG126 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 Refoam APG126 is totally not irritating.

- Easy to use
- Good solubility
- Good alkali tolerance
- Good electrolyte tolerance

End Consumer Benefits:

- Outstanding mildness
- Good foaming behavior
- Ideal for sensitive skin
- Exceptional ecological and toxicological properties for a surfactant

Application:

- Hand wash
- Facial cleanser
- Body wash
- Shampoo
- laundry detergent
- Industry detergent

Dosage:

5-20%

Storage & Handling :

Standard Packing: 160/220kg/drum

Storage: keep in cool, dry, ventilated and lightless place