

Build a Softer Cleansing Story

Coco Glucoside helps brands answer demand for sulfate-free, gentle, naturally derived rinse-off products without losing practical formulation flexibility.



Consumer-ready positioning: sulfate-free, gentle, sensitive-skin-oriented



Useful for facial cleansers, body washes, shampoos, liquid soaps, and mild soap systems



Supports a softer surfactant image than traditional SLS-based systems

A Natural-Origin Non-Ionic Cleansing Base

Made from coconut oil or palm oil reacted with glucose from corn, Coco Glucoside gives formulators a recognizable natural-origin surfactant story for daily-use cleansers.

INCI: COCO-GLUCOSIDE

Non-ionic C8-C16 fatty alcohol glycoside

Total Active Substance: 50%

Function: cleansing, emulsifying, skin-comfort-oriented surfactant support



Why Formulators Choose Coco Glucoside

Coco Glucoside combines a gentler sulfate-alternative story with practical compatibility across many rinse-off formats.

- ✓ Naturally derived non-ionic cleansing base
- ✓ Milder positioning than SLS-based systems
- ✓ Works in cleanser, shampoo, soap, and oral-care formats
- ✓ Can be paired with foam boosters and thickeners to tune performance

Balanced APG Positioning for Daily Cleansers

Coco Glucoside sits between Lauryl Glucoside and Decyl Glucoside, offering a middle-position APG profile for easier water solubility and good cleansing performance.

- Lauryl Glucoside: C12-C14, stronger cleansing than Decyl Glucoside

- Decyl Glucoside: C8-C10

- Coco Glucoside: C8-C16, middle-position option

- Commercial fit: balanced cleansing and practical daily-use formulation

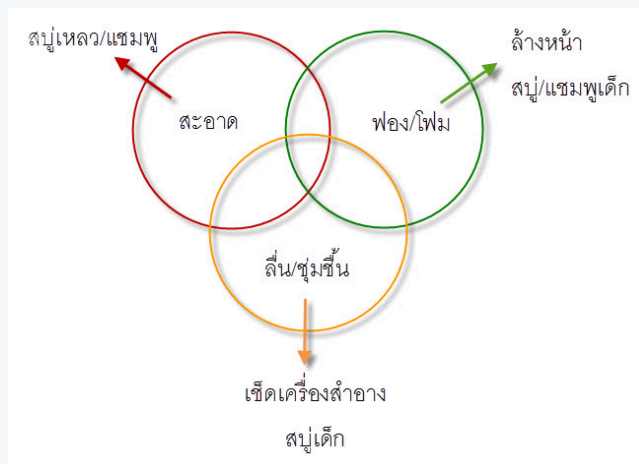
Easy Processing With Smart pH Control

Coco Glucoside is concentrated and viscous, but simple handling steps make it easier to incorporate into mild cleanser systems.

- Use range: 5.00–25.00%; 5% noted for gentle sensitive–skin–oriented formulas
- Add slowly into water phase with gentle stirring to reduce foam formation
- Heat to 50–60°C to improve clarity, flow, pouring, and mixing
- Finished formulas should be adjusted downward; sensitive–skin–oriented target: pH 5–6.5

Design the Surfactant System Around the Goal

The surfactant selection reference supports using Coco Glucoside as part of a broader detergent system where foam, clarity, and viscosity can be adjusted by formulation choices.



- Coco Glucoside alone does not provide strong foam
- Pair with Mild-Wash™ and/or Coco-Foam™ plus Flora Foam™ for clear formulas with more stable bubbles
- SugarThick™, Xanthan Gum, or EasyThick™ can support clear thickening
- ClearClean™ supports an opaque white cleanser aesthetic

Proof for Gentler Cleanser Positioning

APG-family and alkyl-glucoside cleanser evidence helps formulators build a credible mild-cleansing story around Coco Glucoside systems.

- Supports lower-irritation positioning by showing alkyl polyglucoside had a distinct irritant patch-test profile versus SLS/SLES. Citation: Löffler H, Happle R.
- Supports mild body-cleanser development by showing a lauryl-glucoside-containing cleanser maintained cleansing while improving visible dry-skin signs such as scaling and erythema. Citation: Takagi Y et al.

Evidence-Safe Skin-Comfort Claim Direction

The strongest positioning is mild, sulfate-alternative, and skin-comfort-focused cleansing, supported by APG-family assessment while keeping allergen wording precise.

- Supports APG-family skin-comfort assessment by evaluating alkyl-polyglucoside-based cosmetic cream systems in vivo using hydration, TEWL, and erythema parameters. Citation: Markovic DB et al.
- Supports precise claim language by showing alkyl glucosides, including coco-glucoside-related materials, can cause allergic contact dermatitis in sensitized individuals. Citation: Gijbels D et al.

Launchable Concepts From One Surfactant Base

Coco Glucoside gives product developers a flexible starting point for multiple rinse-off concepts with different clarity, foam, and skin-comfort stories.

- Sulfate-Free Gentle Facial Cleanser: pH 5-6.5, clear thickening options
- Sensitive-Skin Body Wash: naturally derived sulfate-alternative cleansing story
- Mild Daily Shampoo: softer cleansing positioning than SLS-based systems
- Clear Foaming Cleanser: Mild-Wash™ and/or Coco-Foam™ plus Flora Foam™
- Creamy Opaque Cleanser: pair with ClearClean™ for white opaque aesthetics

Choose Coco Glucoside for Flexible Mild Cleansing

Coco Glucoside is a practical choice when a cleanser needs natural-origin positioning, sulfate-alternative messaging, and tunable formulation performance.

- ✓ One ingredient supports multiple cleanser formats
- ✓ APG middle-position profile balances solubility and cleansing performance
- ✓ Foam, clarity, viscosity, and opacity can be adjusted with compatible builders
- ✓ Technical handling guidance is straightforward for scale-up