

## Product Description:

- **INCI Name:** APG0814
- **CAS No:** 141464-42-8, 68515-73-1, 110615-47-9
- **Physical Properties:** Light Yellow, Odorless, Slightly thick Liquid
- **Country of Origin:** China
- **Certifications:** Vegetable-based, Vegan,
- **Bulk Packaging:** 220kg drum \*4 = 880kg/pallet, 1000kg tote, 1,100kg tote

## Formulation Guidelines for Coco Glucoside

Coco Glucoside is a mild and gentle surfactant derived from coconut oil and glucose. It is widely used in cosmetic and personal care formulations due to its excellent foaming, cleansing, and conditioning properties. Here are some guidelines to consider when using Coco Glucoside in formulations:

1. **Concentration:** The recommended usage level of Coco Glucoside can vary depending on the desired product and its intended use. Typically, Coco Glucoside is used at concentrations ranging from 1% to 30% in formulations.
2. **Compatibility:** Coco Glucoside is compatible with a wide range of other surfactants, thickeners, and ingredients commonly used in cosmetic formulations. However, it is always recommended to conduct compatibility tests to ensure that Coco Glucoside is compatible with other ingredients in your specific formulation. This is particularly important if your formulation includes other anionic or cationic surfactants.
3. **pH Considerations:** Coco Glucoside is stable and effective over a wide pH range, typically between pH 4 and 11. However, for optimal performance, it is generally recommended to formulate within the pH range of 5 to 7.
4. **Foaming Properties:** Coco Glucoside has good foaming properties and contributes to the formation of stable and creamy lather. It is commonly used in shampoos, body washes, facial cleansers, and other cleansing products to provide a luxurious and gentle foaming experience.
5. **Viscosity and Thickening:** Coco Glucoside can contribute to the viscosity and thickness of formulations, especially at higher concentrations. However, it is not a strong thickener on its own. If you require additional viscosity, consider combining Coco Glucoside with suitable thickeners or rheology modifiers to achieve the desired consistency.
6. **Regulatory Considerations:** Ensure compliance with applicable regulations and guidelines for the use of Coco Glucoside in your specific region and industry. Familiarize yourself with relevant regulations, labeling requirements, and any restrictions or limitations on its usage.
7. **Testing and Quality Control:** Before scaling up production or launching a product containing Coco Glucoside, conduct stability testing and quality control checks to ensure the performance, stability, and safety of your formulation such as: viscosity measurements, stability tests under different conditions (temperature, pH), and microbial contamination tests.

