



**FACT SHEET**  
**COCO GLUCOSIDE**

**Description:** Coco Glucoside is a non-ionic surfactant that can be used as a foaming agent, conditioner or emulsifier. It has natural credentials, derived from Coconut and Fruit Sugars. It is completely biodegradable and contains no lauryl sulphates, laureth sulphates, parabens, formaldehyde or diethanolamides.

**INCI Name:** Coco glucoside

**Use:** 10% - 20% (Face Wash) 15% - 30% (Shower Gel/Bath Foam/Shampoo). Maximum Usage Rate: 40%.

**Properties:** A yellow to golden yellow, cloudy and viscous liquid, which increases the foaming capacity in skincare and haircare products. It also has the excellent benefit of acting as an emulsifier to allow essential oils and water to mix. Using Coco Glucoside you can also blend some denser oils, such as carrier oils into your products. Coco Glucoside is one of the mildest surfactants and is compatible with all skin types.

**Applications:** Shower gel, shampoo, face wash, bath foam.

**Sample Recipe:** *Protein Enriched Shampoo*

coco glucoside (24.5%)  
decyl glucoside (6%)  
d-panthenol (3%)  
hydrolysed oat protein (3%)  
essential oil blend or fragrance oil (1%)  
Gfphen PCG (1%)  
hot spring water (80o – 90oC) (61%)  
xanthan gum (0.5%)

Weigh the spring water and place it in a heatproof beaker. Sprinkle the xanthan gum over the water, stir and then leave for two minutes. Weigh the glucosides and place them in a heatproof jug. Pour the warm water/xanthan mixture over the glucosides and stir so that the ingredients are thoroughly mixed together. Leave to cool a little and then add the essential oils, preservative, d-panthenol and oat protein. Stir well to ensure that all the ingredients are thoroughly combined. Leave to cool in the jug/bowl.