

## NATURAL GLUCOSIDE DERIVATIVES Product Bulletin

### KROMASURF 818

INCI Name: Coco-Glucoside

#### Description

Kromasurf 818 is a nonionic surfactant with a balanced combination regarding the foam volume and the excellent dermatological properties. It comprises the entire coconut/palm kernel oil fatty alcohol distribution. Therefore it is suitable for use as a co-surfactant in cosmetic surfactant cleansing preparations: it improves the mildness of the formulation, and creates a very creamy foam.

#### Typical properties (not intended as product specification)

Appearance	conforms to standard
Odour	conforms to standard
Active substance (100-%water)	51 - 53 %
Water	47 - 49 %
pH value	11.5 - 12.5
Free fatty	max. 0.8 %
Viscosity (20° C)	2500 - 6000 mPas
Ash	max 3.0 %

- Mild co-surfactant in cleansing preparations
- Primary surfactant for mild formulation (baby care, face care, intimate hygiene)

#### Applications

- Shampoo
- Shower gels
- Mild surfactant preparations

#### Formula Guidelines

Typically used at a level of: 0.5 – 3.0 %, to be increased to 10.0 % in special formulations.

### **Storage & Handlings**

Standard packing: 120 kg drums, 1200KG IBC.

Storage: Kromasurf 818 can be stored in original unopened containers at below 40° C for at least two years. If the product is stored at temperatures below 15° C crystallization may occur. Depending on the storage time sedimentation may occur. Therefore, the product should be heated and stirred until uniform before use. Containers and storage tanks made of V2A steel (material no. 1.4541) and ofV4A (material no. 1.4571) are suitable for storing.