

NATURAL GLUCOSIDE DERIVATIVES Product Bulletin

KROMASURF 2000

INCI Name: Decyl glucoside

Description

Kromasurf 2000 is a sugar based nonionic surfactant with a balanced combination regarding the foam volume and the dermatological properties. It derives from short to medium fatty chain alcohol. Therefore it is suitable for use as a co-surfactant in cosmetic surfactant cleansing preparations: it improves the mildness of the formulation, the foam volume, and creates a very creamy foam. It is the glucoside with the best foaming effect.

Typical properties (not intended as product specification)

Appearance	conforms to standard
Odour	conforms to standard
Active substance (100-%water)	51 - 55 %
Water	45- 49 %
pH value	11.5 - 12.5
Free fatty	max. 0.8 %
Viscosity (20° C)	1000 - 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 2000 can be stored in original unopened containers at below 40° C for at least two years. If the product is stored at temperatures below 10° 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.