TRICHROMATIC - WEST, INC.

TECHNICAL BULLETIN

TRISURF APG-0814

DESCRIPTION

TRISURF APG-0814 is an alkyl polyglucoside with carbon chain C_8-C_{14}. TRISURF APG-0814 is made from the coconut fatty alcohol. The TRISURF APG-0814 is made from the condensation of sugar on a fatty alcohol. The raw materials are renewable. The TRISURF APG-0814 is highly biodegradable, dioxane free and also sulphate free.

SPECIFICATION:

Appearance	Light Yellow liquid
pH(10%)	11.0 – 12.5
% Solid content	50% min.
Viscosity(25 °C)	5 000 cp max.

TYPICAL PROPERTIES:

Type	Nonionic
Density (g/ml 25°C)	1.1
Odour	Very mild
Stability	Very stable at high pH but can hydrolyse at pH below 5.0

APPLICATION:

The TRISURF APG-0814 has an excellent tolerance to electrolyte. This is a premium ingredient to make a very high active cleaner.

If you use the TRISURF APC-0810 in your formulation, you can reduce or eliminate the amount of hydrotrope in your formulation.

This is an example of a formulation that can be use to make a liquid hand soap economical.

Water	86.0
Tritexaine CPB-G	3.0
Trisurf APG-0814	2.0
Trisurf ES-2 70%	9.0
Preservative, color, fragrance	Q.S.
Viscosity	4 500 cp with 5% sodium chloride

To make a product dioxane free, the Trisurf ES-2 70% can be replace by the same amount of Trisurf SCS.

For more information concerning the handling, the manipulation or the use of this product, please consult our material safety date sheet or consult our technical service department.

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