



Surfonate 40

Natural Coconut Oil Liquid Soap

Overview

- 40% active liquid coconut oil potassium soap with glycerin
- Ideal for skin conditioning high lathering hand soaps and skin care products
- Formulate with amides, betaines and amphoteric surfactants for enhanced foam characteristics and skin-feel
- Exhibits high flash foam with low color and odor for use in a wide range of formulations
- 100% Naturally derived from renewable resource coconut oil, both biodegradable and preservative-free

Regulatory

The substances in Surfonate 40 are listed on and in compliance with the following Inventories: US (TSCA), Canada (DSL), Europe (EINECS), Australia (AICS), China (IECSC), Korea (ECL), New Zealand (NZIoC), Philippines (PICCS)

INCI Names: Potassium cocoate

Technical Information

Surfonate 40 is a 40% active coconut oil potassium soap.

Surfonate 40 is a 100% naturally derived hand soap and skin cleanser base processed from the finest grade of coconut oil. Surfonate 40 is characterized by low color and odor, exhibiting excellent flash-foam and cleansing performance, enhanced with naturally hydrating glycerin for smoother skin feel.

The exceptional quality and 100% naturally derived origin of Surfonate 40 allows for use in a wide range of markets and applications. Conditioning hand soaps and facial cleansers can be formulated ranging from economical to premium.

Formulary

Typical use concentrations range from 20-40% in hand soap formulations. Dilute as desired, maintaining a slightly alkaline pH (8-9) to maintain clarity. Formulate with performance enhancing ingredients such as amides, betaines and amphoteric surfactants. Exhibits predictable viscosity salt-curve response.

Typical Properties

PROPERTY	VALUE
Appearance	Clear pale amber liquid
Odor	Mild
Ionic character	Anionic
Water solubility	Soluble
Activity, %	42.5±2.5
pH (10% aq.)	10.0±1.0
Density@25°C	1.04±0.04 g/ml
Flash point, °F	>200
RVOC, EPA, %	0
Storage	Freeze/thaw stable
Shelf life	2 years

Packaging and Handling

Surfonate 40 is available in:
Totes (Net Wt. 2200 lbs)
Drums (Net Wt. 450 lbs)

Refer to Safety Data Sheet (SDS) for information on the safe use, handling, and disposal of this product.

DOT Classification:
Not regulated

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