



EURASOL KCO

vegetable oil based
liquid soap

PRODUCT DESCRIPTION

Eurasol KCO is an anionic surfactant of 100% natural origin and is therefore widely used in natural hand soaps and superior green cleaning formulations.



INCI NAME

Potassium Cocoate (and) Potassium Oliviate

BENEFITS

- Natural origin
- Palm and palm kernel oil free
- Good cleansing properties
- Foam control
- Natural moisturizing properties
- Preservative free
- Liquid solution
- Easy to handle

APPLICATIONS

Personal care

- liquid soaps
- shower products
- bath foams
- shaving products
- shampoos



Home care

- liquid laundry
- toilet cleaners
- eco-friendly multi-purpose cleaners
- eco-friendly floor cleaners

PROPERTIES



NATURAL ORIGIN

Below table illustrates that the carbon atoms in Eurasol KCO are completely derived from vegetable origin.

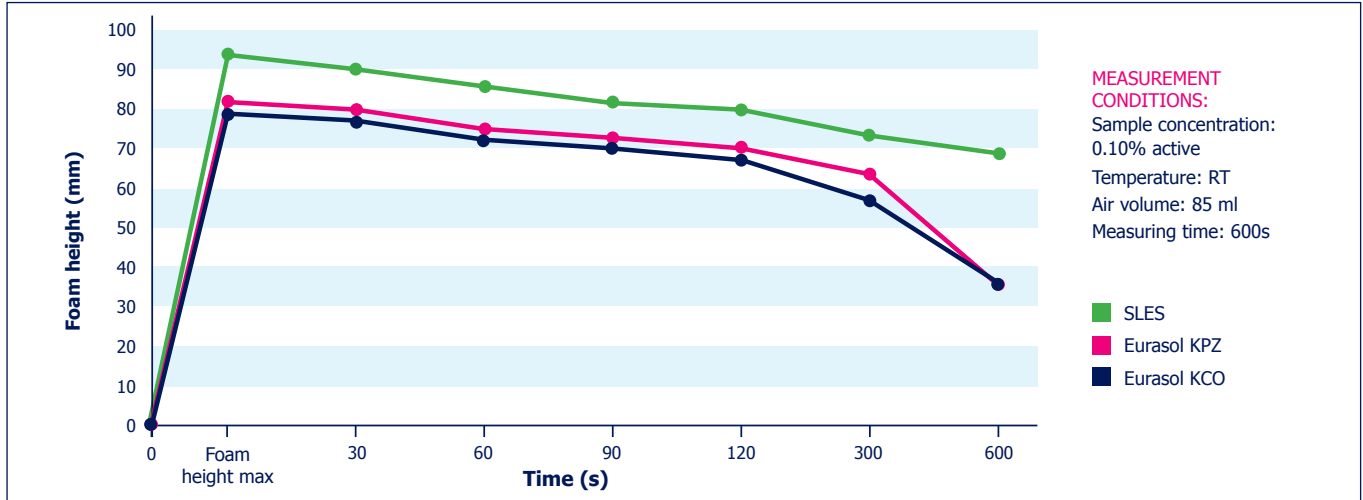
PRODUCT	RENEWABLE CARBON INDEX (%)*	NATURAL SOURCE
EURASOL KCO	100	coconut oil and olive oil

*Renewable Carbon Index (%) = C of natural origin/total C * 100

FOAMING PROPERTIES

FOAM FORMATION AND STABILIZATION PROPERTIES

The foaming properties of Eurasol KCO were evaluated using the Kruss Dynamic Foam Analyser. Eurasol KCO shows a good flash foam but the foam does not remain stable over time. The foam behavior of Eurasol KPZ is similar to Eurasol KCO.



GUIDE FORMULATIONS

Eurasol KCO is ideal for use in natural formulations, especially for low viscous liquid hand soaps for dispensers. These natural liquid soaps have a nice creamy foam as shown on the picture. Formulations can be thickened using hydroxyethylcellulose. Furthermore Eurasol KCO is derived from coconut oil and olive oil, therefore it contains glycerin as a natural moisturizer. Natural liquid soaps can also be added as additive to traditional shower formulations.

Natural liquid hand soap | Ref 4929-128

INGREDIENT	INCI DESCRIPTION	% w/w
Water	Aqua	58.45
Hydroxyethylcellulose	Hydroxyethylcellulose	1.50 to viscosity 4500 mPa.s
NaOH (10% w/w solution)	Sodium Hydroxide	Qs until clear
EDTA	EDTA	0.05
Eurasol KCO	Potassium Cocoate (and) Potassium Oliviate	40.00
Citric acid	Citric Acid	Qs to pH 9.0

Shower cream with coconut and olive soap | Ref 16083-18

INGREDIENT	INCI DESCRIPTION	% w/w
Water	Aqua	43.3
LES28	Sodium Laureth Sulfate	35.7
Glycerin	Glycerin	5.0
Euroquat HC47 VG	Cocamidopropyl Betaine	7.5
Euroquat CF	Lauryl Betaine	3.0
PEG-7 Glyceryl Cocoate	PEG-7 Glyceryl Cocoate	3.0
EuroNac AMF Ultra	Glycol Distearate (and) Cocamidopropyl Betaine	2.0
Eurasol KCO	Potassium Cocoate (and) Potassium Oliviate	0.5
Citric acid	Citric Acid	Qs to pH 5.0
Sodium chloride	Sodium Chloride	Qs to 5000 mPa.s



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