



**Berg+Schmidt**  
Functional Lipids

## **BergaSoft SCG 22**

Modern surfactants

### **BergaSoft SCG 22 – quality cosmetics with natural ingredients.**

In addition to good washing performance, modern surfactants also need to meet market requirements in terms of mildness and naturalness. Are you looking for mild, sulphate-free, high-foaming, anionic and non-ethoxylated surfactants for your quality products? **We offer the ideal answer with our BergaSoft range of surfactants.**

### **BergaSoft SCG 22 – Advantages at a glance**

- **Extremely mild**
- **Excellent foam characteristics**
- **Easy to thicken**

### **Applications**

For use in all mild formulations, like facial cleansers, shaving foams, clear and mild shower gels, high-viscosity body cleansers and baby care products.

### **BergaSoft SCG 22 – Properties**

- **E0 and sulphate-free**
- **Based on renewable raw materials**
- **Readily biodegradable**
- **Transparent liquid**
- **Preservative-free**



# BergaSoft SCG 22 – Modern surfactants

## BergaSoft SCG 22: Modern surfactants

BergaSoft SCG 22 is readily **biodegradable**, **non-ethoxylated** and **sulphate-free**.

With its liquid form, BergaSoft SCG 22 is simple to process and easy to thicken – far superior to other amino acid surfactants like sarcosinates.

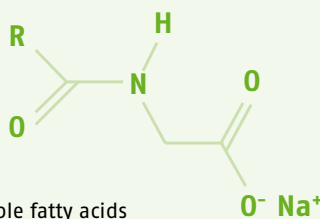
## Using BergaSoft SCG 22

Ideal pH for BergaSoft SCG22 is above 6 to allow transparency and best performances.

**As a main surfactant:** BergaSoft SCG 22 is the ideal basis for sulphate-free formulations. It creates a creamy foam and leaves a pleasantly soft skin feel.

**As a co-surfactant:** BergaSoft SCG 22 improves the mildness of the entire formulation. It synergizes with other products like lauric and myristic acid and/or cocoamidopropyl betaine, and improves both foam quality and structure.

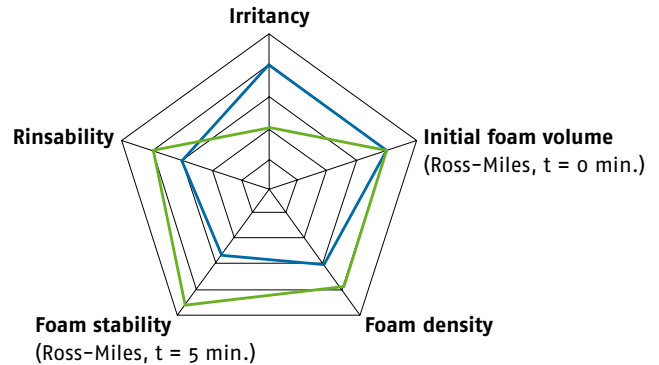
Whether used as a main or co-surfactant, BergaSoft SCG 22 significantly improves rinse-off characteristics. It helps you create more environment-friendly formulations (EO and sulphate-free) without compromising on the cleansing properties of your products.



<b>Trade name:</b>	BergaSoft SCG 22
<b>INCI:</b>	Sodium Cocoyl Glycinate
<b>Appearance:</b>	Transparent liquid
<b>Origin:</b>	Derivatives of renewable raw materials (vegetable fatty acids and glycine, an amino acid that makes up over a third of skin collagen)

## Sensory profile:

### BergaSoft SCG 22 vs. sodium laureth sulphate



— BergaSoft SCG 22 — Sodium laureth sulphate

## Usage levels

1% to 10% as co-surfactant

20% to 40% as main surfactant

We will be pleased to support you in new developments. Further formulations are available on request.

## Example of a formulation: Sulphate free milky peeling

Phase	Product	INCI Name	% (w/w)
A	demin. Water	Aqua	up to 100
	Carbopol Aqua SF-1 <sup>2</sup>	Acrylates Copolymer	5.0
	NaOH (25%)	Sodium Hydroxide	0.7
	BergaSoft SCI 80 <sup>1</sup>	Sodium Cocoyl Isethionate	10.0
	BergaSoft SCG 22 <sup>1</sup>	Sodium Cocoyl Glycinate	3.0
	BergaCare EM-HE-7 <sup>1</sup>	PEG 7 Glyceryl Cocoate	3.0
	Cocamide MEA	Cocamide MEA	2.0
B	Glycerin	Glycerin	1.0
	pH-Adjustment Citric Acid	Citric Acid	q.s.
	NaCl	Sodium Chloride	up to 3.5
	BergaScrub 400	Hydrogenated Castor Oil	3.0
Preservative/Fragrance	-	q.s.	

Suppliers: 1: Berg + Schmidt, 2: Lubrizol