

KELTROL[®] CG-SFT Xanthan Gum for Liquid Hand Soaps & Cleansers

A nature-based thickening solution for liquid hand soaps and hand cleansers with 60% alcohol



Because it enables thickness with effective flow, xanthan gum is a popular ingredient for many personal care applications. Nature-derived xanthan gum is created through the fermentation of sugar and the naturally occurring bacteria, *Xanthomonas campestris*. In liquid hand soaps and cleansers, xanthan gum provides flow control to make application of the product easier and leaves a light, pleasant skin feel. It also acts as a thickener to increase viscosity with a gel-like texture.

- Thickens
- Soft skin feel
- Smooth flow
- Compatible with high levels of alcohol (ethanol)

KELTROL® CG-SFT Xanthan Gum can provide these functions in up to a 62% (V/V) alcohol or ethanol content. A liquid hand cleanser will remain stable for at least three years at room temperature and at least three months at 45 °C.

Here's a Sample Recipe for How Xanthan Gum Can Be Used in a Hand Cleanser Formulation:

Phase	Ingredient	Quantity (% W/W)	
A	Water	q.s. to 100	<ol style="list-style-type: none"> 1. Dissolve KELTROL CG-SFT Xanthan Gum in glycerin until it forms a slurry. 2. Add slurry to water under high-speed propeller mixing. 3. Mix to hydrate. 4. Add ingredients of Phase B individually and mix. 5. Pre-mix ingredients of Phase C in separate container. 6. Slowly add Phase C ingredients with continuous mixing. 7. Transfer to containers. Viscosity will be enhanced in 24 hours.
	Glycerin	1.0	
	KELTROL® CG-SFT Xanthan Gum	0.15	
B	Calendula flower extract in glycerin	1.2	
	Aloe Barbadensis leaf juice	0.2	
C	Ethanol or 62% (V/V) alcohol	60	
	Fragrance/parfum, e.g., lavender	q.s.	

About CP Kelco

CP Kelco is a nature-based ingredient solutions company with more than 85 years of experience working with food, beverage and consumer product manufacturers worldwide. We unlock nature-powered success by applying ingredient innovation and problem solving to develop customized solutions that leverage our regional insights, meet manufacturers' goals and address consumer preferences.

What sets us apart:

Unique Portfolio. Produces extensive range of high-quality, plant-based and fermentation-derived ingredients to formulate tailored solutions.

Technical Excellence. Offers strong collaboration with a global team of scientists and application experts, leveraging our regional state-of-the art R&D facilities.

Sustainability. Committed to providing responsibly sourced and produced ingredients.

Market Insights. Understands market and consumer trends to help customers create relevant and innovative products.

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Xanthan Gum cannot be used in products marketed as hand sanitizer in the U.S.

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