



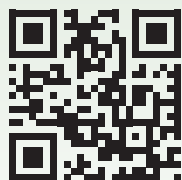
Sulfate-Free Hand Soap

Sulfate-free hand soap with **Itaconix® SF 505** for skin softness, conditioning and creamy foam.

Ingredient	Function	wt%
DI water	Diluent	38.3%
Potassium cocoate 40% surfactant	Mild surfactant for cleansing and foam	32.0%
Cocamidopropyl hydroxysultaine surfactant	Mild surfactant for cleansing and foam	10.0%
Disodium lauryl sulfosuccinate surfactant	Mild surfactant for cleansing and foam	10.0%
Itaconix® SF 505	Skin conditioner and foam enhancer	5.0%
Glycerin	Humectant	2.0%
Salt	Thickener	2.0%
Preservative	Preservative	0.5%
Fragrance	Add scent to the product	0.2%

Directions

- Add water to clean vessel with mixing
- Add **Itaconix® SF 505** slowly while mixing until fully dissolved
- Add potassium cocoate 40% while mixing
- Add cocamidopropyl hydroxysultaine while mixing
- Add disodium lauryl sulfosuccinate while mixing
- Add glycerin while mixing
- Add preservative while mixing
- Add fragrance while mixing
- Add salt slowly while mixing



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Potential Label Claims:

- Improve skin feel with natural conditioning
- Increase foam height, strength and stability for dense, creamy lather
- Gain desired foam performance with less surfactant
- Reach target viscosity with less added salt
- Reduce surfactant concentration and added salt for formulations
- Gentler on skin and hair
- Increase sustainability of formulations

Plant-Based Content:

55-90% based on ingredient selection

Product Properties

Appearance..... Clear slightly yellow liquid

pH..... 8.5

Viscosity..... 3,000 - 6,000 cPs

Usage

Use as needed

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