



PERFORMANCE INSPIRED INGENUITY

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Frothy Foam

Hand Sanitizer

Description:

This hand sanitizer formulation follows regulatory guidelines to ensure consumer protection, but it is anything but ordinary. Siltech's Silsurf® Di-4515-O ensures a pleasant foaming character and Silube® J208-2I elicits a softy, creamy after-feel on the skin. The combination of foaming and sensorial attributes are unmatched!

Ingredients:

Part ID	Description (supplier)	INCI Name	Weight %
A			
	Ethanol (>99.0%)	Ethyl Alcohol	70.00
	Silsurf Di-4515-O (Siltech)	PEG/PPG-15/15 Dimethicone	3.00
	Silube J208-2I (Siltech)	PEG/PPG- 8/8 Dimethicone	1.00
B			
	D.I. Water	Aqua	21.00
	Glycerin	Glycerin	3.00
	Hydrogen Peroxide (50%)	Hydrogen Peroxide	2.00
		Total	100.00

Procedure:

- 1) Combine Phase A, mix well until clear.
- 2) Combine ingredients in Phase B, mix well.
- 3) Add Phase B into Phase A under agitation until clear.

Additional Comments:

Siltech is aware of existing intellectual property (IP) pertaining to the use of di-functional silicones in hydro-alcoholic solution hand sanitizers. As an ingredient supplier Siltech cannot provide an opinion for anyone on specific formulations with respect to freedom for use in this arena. As a trusted supplier we advise clients to check the IP situation prior for the use of the highlighted materials in this arena.

Product formulations are included as illustrative examples. Siltech Corporation makes no representation or warranty of any kind with regard to any such formulations, including, without limitation, concerning the efficacy or safety of any product manufactured using such formulations.