



PERFORMANCE INSPIRED INGENUITY

Siltech Corporation
225 Wicksteed Avenue
Toronto, Ontario M4H 1G5

www.siltech.com

Sales@siltech.com
+1 416.424.4567

Sustainably Silky

Foaming Hand Sanitizer

Description:

This foaming hand sanitizer formulation follows regulatory guidelines to ensure consumer protection and finishes with aesthetic character that delights the senses. Silsurf® Sustain Di-1010 is an innovative emulsifier that differs from traditional PEG-modified surfactants, as the polyether component is sourced from biobased plants sources, rather than traditional petroleum feedstocks. Silsurf® Sustain Di-1010 performs similarly to standard PEG-10 Dimethicone, but excels at providing a more sustainable option with a biobased carbon content in excess of 66%! Silwax® WS-L elicits a silky sensorial and conditions the skin. The combination of a premium feel and increased biobased carbon content converge to provide a sanitized sustainably silky result!

Ingredients:

| Part ID | Description (Supplier) | INCI Name | Weight (%) |
|---------|--|---------------------------|------------|
| A | Ethanol (>99.0%) | Ethyl Alcohol | 70.00 |
| | Silsurf Sustain Di-1010 (Siltech) | PEG-10 Dimethicone | 5.00 |
| | Silwax WS-L (Siltech) | Dimethicone PEG-8 Laurate | 1.00 |
| | Fragrance | Parfum | 0.05 |
| B | D.I. Water | Aqua | 19.95 |
| | Glycerin | Glycerin | 3.00 |
| | Hydrogen Peroxide (50%) | Hydrogen Peroxide | 1.00 |
| 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.

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.