



Gentle Sulfate-Free Foam Cleanser

Gentle foam cleanser with high gloss, creamy texture, and easy spreadability

Solstice® Propellant (HFO-1234ze(E)) is a breakthrough for aerosol-based products. A nonflammable¹ alternative to hydrocarbons and high global warming potential (GWP) hydrofluorocarbons, it is non-ozone-depleting, VOC-exempt (U.S. EPA and CARB)², with an **Earth-friendly** ultra-low GWP of less than 1.

PHASE	TRADE NAME	INCI	WT%
Concentrate	DI Water	Water	65.3
	Miracare® SOFT 313	Sodium Cocoyl glycinate; Disodium Lauroamphoacetate; Cocamidopropyl Hydroxysultaine; Lauric acid	25
	Rheomer® 33T	Polyacrylate-33	3.5
	Soybean Oil	Glycine Soja (Soybean) Oil	5
	euxyl® PE 9010	Phenoxyethanol; Ethylhexylglycerin	0.5
	Tween™ 20	Polysorbate 20	0.5
	Fragrance	Fragrance	0.2
		TOTAL	100
Aerosolized	Concentrate		90
	Solstice Propellant	Tetrafluoropropene	10
		TOTAL	100

¹ASTM E-681, EU A11

²Negligible contribution to smog formation

FORMULATION PROCEDURE:

Concentrate:

1. In a main beaker, weigh Water and Rheomer 33T. Mix until uniform.
2. While mixing, add Miracare SOFT 313 and the batch should thicken.
3. Add the rest of the ingredients in the order of addition. Mix until uniform.

Aerosolized:

1. Fill liquid concentrate into aluminum/ plastic cans in the order of addition.
2. Crimp valve on can.
3. Charge with Solstice Propellant.
4. Shake the can vigorously until uniform.

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 Rheomer® 33T and Miracare® SOFT 313 are registered trademarks of Solvay Novecare.
 Euxyl® PE 9010 is a registered trademark of Schülke Inc.
 Tween™ 20 is a registered trademark of Croda Inc.

For more information:

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(U.S. and Canada)

or your local sales office.

www.hwll.co/personalcare

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