

# 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

<sup>&</sup>lt;sup>1</sup>ASTM E-681, EU A11

### **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:

- 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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### For more information:

call 800-631-8138 (U.S. and Canada) or your local sales office.

www.hwll.co/personalcare

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<sup>&</sup>lt;sup>2</sup>Negligible contribution to smog formation