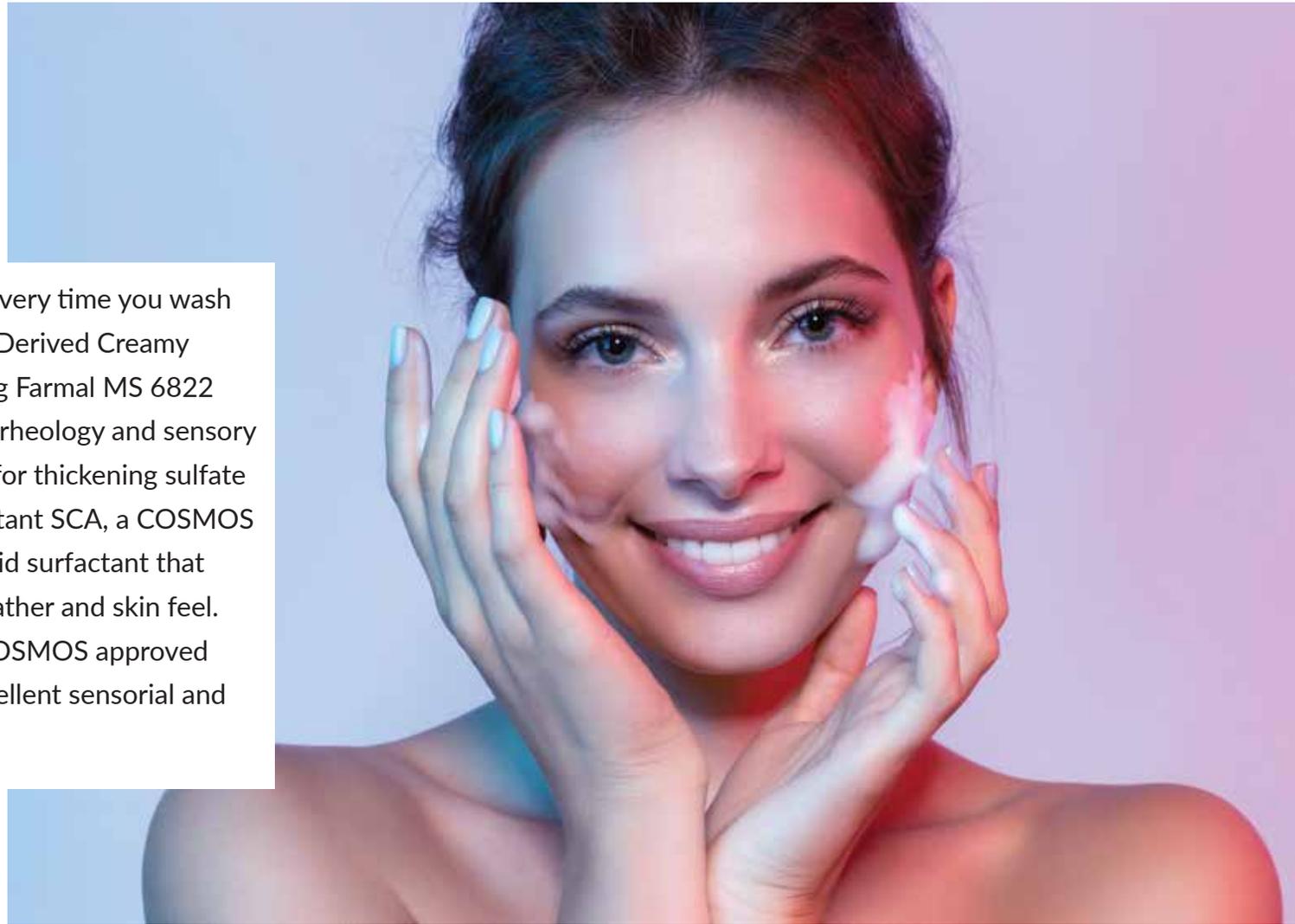


# Naturally Derived Creamy Cleanser

Pamper your skin every time you wash with our Naturally Derived Creamy Cleanser. Featuring Farmal MS 6822 a naturally derived rheology and sensory modifier designed for thickening sulfate free cleansers. Elotant SCA, a COSMOS approved amino acid surfactant that delivers excellent lather and skin feel. PolyAquil 2W a COSMOS approved emulsifier with excellent sensorial and clinical benefits.



**Barentz.**

# Creamy Cleanser

Formula # PC-31

Trade	INCI	Function	% as added	Featured Benefit
<b>Phase A</b>				
Water	Water	Solvent	31.2	
Dermofeel PA-12	Sodium Phytate	Chelating Agent	0.05	
Glystar A31	Sorbitol and Glycerin	Humectant	2	More powerful humectant than glycerin alone
NuSolutions® EZ Guar-14	Guar Hydroxypropyltrimonium Chloride (and) water	Conditioning Agent	3.5	A pre-hydrated and easy to use guar liquid
Farmal MS 6822	Sodium Hydroxypropyl Starch Phosphate	Rheology Modifier	3	An effective viscosity builder for sulfate free surfactant systems
<b>Phase B</b>				
ColaTeric HBS	Cannabisamidopropyl Hydroxysultaine, Water, Propanediol	Surfactant	5	A unique viscosity building surfactant
Elotant SCA	Sodium Cocoyl Alaninate	Surfactant	20	Mild, COSMOS approved amino acid surfactant
Aminosyl SLG	Sodium Lauroyl Glutamate	Surfactant	10	
ColaTeric CB	Coco-Betaine	Surfactant	14	A high foaming, "green", amphoteric surfactant
<b>Phase C</b>				
Lauric Acid 99% Flake	Lauric Acid	Foam Booster	3.5	
PolyAqual 2W	Polyglyceryl-2 Stearate, Glyceryl Stearate, Stearyl Alcohol	Emulsifier	1.9	COSMOS Approved Emulsifier shown to improve skin barrier function.
Stearic Acid	Stearic Acid	Emollient	0.5	
Natural Wax Jelly SP-507	Natural Wax Jelly	Conditioning Agent	0.25	A natural petrolatum alternative with excellent skin sensory
Macadamia Nut Oil	Macadamia Ternifolia Seed Oil	Conditioning Agent	2	Fatty Acid rich skin conditioning agent
<b>Phase D</b>				
HydroGuard™ H20	Propanediol, Hydroxyacetophenone	Preservative	2	A multifunctional ingredient that guards against biodegradation and spoilage
ORC2100718 Violet Elderberry Fragrance	Fragrance	Fragrance	1	Pleasant Aroma
CireNat Spheres Rice Bran Blue	Oryza Sativa (Rice) Bran Wax, Caprylic/ Capric Glycerides, CI42090/FD&C Blue No.1 Aluminum Lake (Acid Blue 9 Aluminum Lake, CI 42090), CI77007/ Ultramarines	Sensory Modifier	0.1	A naturally derived, perfectly spherical exfoliating bead
			100	
* Flavor and Fragrance Specialties				

## Method

1. Add water to beaker (25 - 30°C preferable) and start mixer with gentle agitation
2. Add individually, Sodium Phylate, Glystar A31, and EZ Guar C14 and mix until uniform.
3. Begin Heating primary vessel to 75-80C.
4. When at 75-80C slowly add Farmal MS 6822 and continue mixing (Phase A)
5. In a side vessel, add Lauric acid, PolyAqual 2W, Stearic Acid, Natural Wax Jelly, and Macadamia nut oil (Phase C) and heat to 75-80C. Begin agitation when melted.
6. When both Phase A and C are at 75-80C, add Phase C to Phase A, maintaining temperature for 15-20 minutes and mixing until homogenous.
7. Begin Cooling to 55-60C, maintaining mixing.
8. Reduce mixing speed and slowly add each Phase B surfactant and mix until homogenous, continuing to cool to 40C.
9. When the temperature is below 40C, slowly add Hydroguard H-20, Fragrance and CireNat Spheres (Phase D). Mix until homogenous and uniform.

**Appearance:** White viscous liquid with blue beads

**Odor:** ORC2100718 Violet Elderberry

**Viscosity:** 20,000-24,000 cps

**pH:** 6.3-7.0

**Directions to use:**

Apply to a wet applicator and generate lather before use on the body and face.

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