

Barentz.

Treat your skin while you wash with our Invigorating Exfoliating Cleanser. Featuring Elotant SCA, a COSMOS approved amino acid surfactant that delivers excellent lather and skin feel. HydroGuard™ H-20 a complete multifunctional that provides anti-oxidant benefits while guarding against biodegradation. CireWax Spheres, perfectly round wax beads that allow for gentle, less abrasive exfoliation of the skin

Invigorating Exfoliating Cleanser



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Supplier	Description	INCI	w/w%	Phase	Product Information
	Water	Water	46.96	1	
	LinQuest EDTA 100	Tetrasodium EDTA	0.1	1	
Ingredion	Glystar A31	Sorbitol and Glycerin	2	1	More powerful humectant than glycerin alone
Barentz	MarGel™ SF-1	Acrylates Copolymer	6	1	An effective thickening solution for Sulfate Free Cleansing systems
Colonial Chemical	ColaTeric L-32	Sodium Lauroamphoacetate	14.29	1	A mild surfactant that can lower irritancy potential of other surfactants
LG Chemical	Elotant SCA	Sodium Cocoyl Alaninate	15	1	A mild, COSMOS approved anionic surfactant with excellent skin feel
LG Chemical	Elotant Milcoside 303N	Decyl Glucoside	4	1	A mild, neutral pH, COSMOS approved nonionic surfactant
Colonial Chemical	ColaTeric CBS	Cocamidopropyl Hydroxysultaine	8.35	1	A green, prop 65 compliant amphoteric surfactant
	Ultra AMP-95	Aminomethyl Propanol	0.1	1	pH Adjuster
Lincoln MFG	HydroGuard™ H-20	Propanediol and Hydroxyacetophenone	2	1	A multifunctional ingredient that guards against biodegradation and spoilage
Cirebelle	CireWax Spheres - Monarch Blue	Synthetic Wax (and) Caprylic/Capric Glycerides (and) CI 42090 / FD&C Blue No. 1 Aluminum Lake (Acid Blue 9 Aluminum Lake, CI 42090:2)	0.2	1	A safely synthetic, perfectly spherical exfoliating bead
	Citric Acid 50%	Citric Acid	0.3	1	
Oxitenol	Alkest TW20K	Polysorbate 20	0.35	2	Excellent for solubilization of fragrance
Flavor & Fragrance Specialties	Kaduka Plum	Fragrance	0.35	2	Sweet Aroma
			100		

Formula # PC-27

Method Phase 1

1. Add water to beaker (25 - 30°C preferable) and start mixer with gentle agitation
2. Add LinQuest EDTA 100 and Glystar A31 and mix until homogenous
3. Add MarGel™ SF-1, and mix, batch will appear opaque
4. Slowly add ColaTeric L-32, Elotant SCA, Milcoside 303N, and ColaTeric CBS individually, and mix until homogenous, being careful to not cause aeration (batch will thicken slightly and begin to turn clear)
5. Add Ultra AMP-95 to neutralize the Margel SF-1
6. Add HydroGuard™ H-20 and mix until homogenous
7. Add CireWax Spheres and mix until homogenous
8. Add citric acid to adjust pH and mix

Method Phase 2

1. In a side-vessel, add Alkest TW20 and fragrance and stir gently
2. Add Phase 2 to main vessel and mix until homogenous

Appearance

Translucent viscous liquid with blue beads

Odour

Kaduka Plum

Viscosity

14,000 - 18,000 cps

pH

6.75 - 7.25

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