

Exfoliating Shampoo
 Ref: PS3-197

This mild sulfate free shampoo is designed to illustrate that healthy hair starts with a healthy scalp. **Phytic Acid** exfoliates the scalp, stimulates hair follicles, and helps rebalance pH levels.

INCI	Trade Name	Supplier	% W/W
Phase A			
D.I.Water			Q.S.
Polyacrylate-33	Rheomer 33	Solvay	5.00
Phase B			
Sodium C14-16 Olefin Sulfonate	Rhodacal LSS 40 A	Solvay	28.00
Sodium Cocoamphoacetate	Mackam HPC-32L	Solvay	9.40
Cocamidopropyl Hydroxysultaine	Mackam CBS-50G	Solvay	1.60
Phase C			
Biosil PA	Phytic Acid	Biosil	1.20
Phase D			
Sodium Chloride	Sodium Chloride	Ruger	2.00
Benzyl Alcohol, Benzoic Acid, Dehydroacetic Acid, Tocopherol	Euxyl K 903	Schulke	1.00
Sodium C14-16 Olefin Sulfonate, Glycol Stearate, Cocamidopropyl Betaine	Mirasheen SSE	Solvay	5.00
Fragrance	Pure Crystals S11-55122	Premier	0.50
Blue #1	1.0% Sol		0.01

Procedure: Mix ingredients of Phase A together until it is uniform. Add ingredients of Phase B one by one with mixing. Adjust pH with Phytic Acid to 4.5. Add ingredients of Phase D one by one with mixing.

Parameters: pH 5.00. Viscosity 16470 CPS S#5 @ 6RPM

Stability: Acceptable 8 weeks stability study at 40C, RT, 450C, and 3 cycles F/T.