



Sulfate-Free Shampoo Bar

DESCRIPTION

This eco-conscious shampoo comes to you in a solid bar form, designed to outlast multiple of its bottle counterparts and reduce plastic waste. This sulfate-free bar is pH-balanced and simply prepared with a hot-pour process, featuring **Cola®Det EQ-154** and **Cola®Mulse 3GO** for gentle cleansing and nourishment. To use, simply apply bar to wet hair with a combing/swiping motion and massage into a lather before rinsing. Keep bar dry between uses.

FORMULATION

Order	INCI Name	Trade Name	%
1	Propanediol	Zemea® Propanediol ¹	24.50
2	Cetyl Alcohol	Lanette 16 ²	16.50
3	Stearic Acid	Triple Pressed Stearic Acid ³	16.50
4	Disodium Lauryl Sulfosuccinate, Sodium C14-16 Olefin Sulfonate, Lauramidopropyl Betaine	Cola®Det EQ-154	40.00
5	Polyglyceryl-3 Oleate	Cola®Mulse 3GO	2.00
6	Fragrance	Fragrance	0.50
7	Dye	Dye	qs

PROCEDURE

1. Combine ingredients 1 – 3 and heat to 65 – 70°C.
2. Once melted and uniform, add ingredient 4. Continue mixing until uniform.
3. Add ingredients 5 – 7. Mix until uniform, then pour into desired mold and allow to cool completely.

TYPICAL PROPERTIES

Appearance Solid, Opaque Bar
pH (5%) 5.0 – 6.0

SUPPLIERS

¹DuPont Tate & Lyle Bio Products Company, ²BASF, ³Acme-Hardesty