



Natural Gel-Stick Deodorant

DESCRIPTION

This formulation features **Cola®Lipid C**, **Cola®Quat SME**, and **Colonial Monolaurin MB** in a long lasting, aluminum-free deodorant with a natural fragrance!

FORMULATION

Order	INCI Name	Trade Name	%
1	Ethanol	Ethanol	70.63
2	Propanediol	Zemea® Propanediol ¹	10.00
3	Coco-Caprylate	Cetiol® C 5 ²	5.00
4	Cocamidopropyl PG-Dimonium Chloride Phosphate	Cola®Lipid C	1.00
5	Soyethyl Morpholinium Ethosulfate	Cola®Quat SME	1.50
6	Glyceryl Laurate	Colonial Monolaurin MB	1.00
7	Stearic Acid	Stearic Acid	8.00
8	Sodium Hydroxide	Sodium Hydroxide, 50%	2.37
9	Fragrance	Oud Fragrance ³	0.50

PROCEDURE

1. Combine ingredients 1 – 5 and begin heating to 65 – 70°C.
2. Once at temperature, add ingredients 6 – 7. Mix until completely dissolved.
3. Maintaining temperature, slowly add ingredient 8 and continue mixing until clear and uniform.
4. Add fragrance and dye as desired.
5. Fill containers and allow to cool.

TYPICAL PROPERTIES

Appearance Opaque Solid
pH (10%) 9.5 – 10.0

SUPPLIERS

¹Dupont Tate & Lyle, ²BASF, ³Orchidia Fragrances

Colonial Chemical, Inc. *Natural Surfactants*

225 Colonial Drive • South Pittsburg, TN 37380 • Phone: 423-837-8800 • Fax: 423-837-3888

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