



HYGIENE

US20169 | Natural Harmony Deodorant

An anhydrous stick to reduce body odors



Wax



NATURALITY PROFILE according to ISO 16128 norm

Body odor reduction

Soft skin

Moisturization

A	EMOGREEN™ L19	4.50%
	DUB OE HP*	4.00%
	Organic Refined Mango Butter**	25.00%
	DUB MUG*	3.00%
	PHYTOWAX® OLIVE 10L40**	24.00%
	PHYTOWAX® OLIVE 18L57**	25.00%
B	MONTANOV™ 202	5.00%
	LANOL P	5.00%
	LIPACIDE™ UG	1.00%
C	LIPACIDE™ C8G	1.00%
	PHYCOCORAIL™	1.00%
	SEPIFINE™ BB	1.00%
	Lavandula Angustifolia Oil	0.50%

Solid stick / Packaging: Stick

pH: N/A / VISCOSITIES: N/A

Recovery at RT (after 1M at 45°C): Okay

STABILITY: 3M 45°C & RT, 3 F/T cycles -5°C/+40°C.

FORMULATION ADVICES: Laboratory scale - 300g batch - Overhead mixer

Heat phase A to 85°C and once all the ingredients are melted, add phase B while mixing. Once phase B ingredients are melted, cool batch down to 55°C and add phase C. Mix well and pour at 54°C.

A deodorant based on natural ingredients, hard in the stick but melting and soft on the skin

Reduces body odors and leaves the skin soft

Texturizing agents are used to get a solid stick, stable at higher temperature but melting on the skin for a good payoff

LANOL P: Texturing agent which improves the consistency of the formula and brings soft skin feel, without any soaping effect. MP: 60 to 65°C (Glycol Palmitate)

PHYTOWAX® OLIVE** are great alternatives to synthetic waxes sourced from olive, increasing the consistency and creaminess of the formula

18L57** has a melting point around 57°C for texture and thickness but very soft during application. MP: 52-60°C (Hydrogenated Olive Oil Stearyl Esters)

10L40** has a lower melting point, close to the temperature of the skin, for high emolliency. MP: 35-42°C (Hydrogenated Olive Oil Decyl Esters)

MONTANOV™ 202 glycolipid emulsifier has a high melting point and acts as a texturizer, improving the stick stability at 45°C (Arachidyl Alcohol and Behenyl Alcohol and Arachidyl Glucoside) MP: 74 - 78°C

Natural butters build a solid texture that easily melts at skin temperature

Organic Refined Mango Butter* is a dense butter providing texture and consistency MP: 27C - 35°C. (Mangifera Indica (Mango) Seed Butter)

KARITE CP* cold pressed and solvent-free shea butter with a creamy texture, providing healing and nourishing properties. MP: 28-45°C. (Butyrospermum Parkii (Shea) Butter)

A combination of natural emollients with a soft feel, high spreadability and moisturization benefits, increasing payoff on the skin:

EMOGREEN™ L19 is a non polar emollient providing easy spread, non sticky touch, dry after skin feel. (C15-19 Alkane (Plant-based & Renewable))

DUB OE HP* is an alternative to cyclopentasiloxane, with a very high spreading value. Helps to reduce the oily feel and provides skin hydration. (Ethyl Oleate)

Powdery ingredients bring a soft skin feel and absorbing power, to reduce armpit humidity

SEPIFINE™ BB: natural and biodegradable powder for the babassu nuts with an absorbing effect, leaving a soft and velvety skin feel. (Amylopectin)

PHYCOCORAIL™: a powdery active ingredient from a calcified red algae, with high porosity for a dry armpit. (Lithothamnium Calcareum Extract & Mannitol & Diatomaceous Earth & Zinc Sulfate)

Natural ingredients provide an antimicrobial effect, to reduce body odors:

LIPACIDE™ C8G (Capryloyl Glycine) & **LIPACIDE™ UG** (Undecylenoyl Glycine) are natural lipoamino acids inhibiting bacterial growth, to prevent body odor, rebalancing skin pH and regulating sebum production.

DUB MUG* is a 100% natural bacteriostatic ester (Glyceryl undecylenate)

ADDITIONAL INGREDIENTS: Lavandula Angustifolia Oil; Lavender Essential Oil; RMI97333(Sozio)

* Stearinerie Dubois's and **SOPHIM's products distributed in the US by SEPPIC Inc.

* Data provide from OECD tests, QSAR calculations, products SDS and literature.

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