

Barentz.

A gentle aluminum free deodorant, that glides easily on the skin. Featuring Deoplex, a natural odor neutralizer that uses enzymes created by the fermentation of natural sugar cane. Purester 24 is a natural ester that leaves an elegant powdery feel on the skin. Beauté by Roquette CD 100 has excellent absorption properties and is shown to help mask odors.

Aluminum Free Deodorant Stick



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Formula CA-1

Supplier	Description	INCI	w/w% Phase		Product Information
Cirebelle	CireNat Rice Bran Wax	Oryza Sativa (Rice) Bran Wax	11	1	A biodegradable skin conditioning and protection agent
Cirebelle	CireWax 55	Synthetic Wax	5.5	1	An economical, cleaner alternative to petroleum derived waxes
Innovacos	Innollient LO	Octyldodecyl Oleate (and) Octyldodecyl Stearoyl Stearate (and) Polyhydroxystearic Acid (and) Octyldodecanol	16.4	1	All natural silicone replacement with a cyclomethicone-like feel, clinically shows to increase skin barrier function& reduce TEWL
Strahl & Pitsch	Purester 24	Lauryl Laurate	16.4	1	A natural ester, providing a dry powdery fee
Innovacos	PolyAqual OS2	Polyglyceryl-2 Oleate (and) Polyhydroxystearic Acid (and) Polyglyceryl-2 Stearate	11	1	A unique COSMOS approved W/O emulsifier that provides an elegant skin feel and can reduce cracking and sweating in solid formats
	Cetearyl Alcohol	Cetearyl Alcohol	11	1	
	Water	Water	19.8	2	
Carrubba	Deoplex	Saccharomyces Ferment Filtrate	4	2	A natural odor neutralizer derived from sugarcane
Lincoln MFG	HydroGuard™ H-20	Propanediol (and) Hydroxyacetophenone	2	2	A multifunctional ingredient that guards against biodegradation and spoilage
Beauté by Roquette	CD102	Cyclodextrin	3.9	3	Can encapsulate and mask odor
Beauté by Roquette	CD 100	Cyclodextrin	1.0	3	Excellent for absorption and odor masking
	Green Tea and Fig	Fragrance	0.5	3	
			100		

Method

1. Weigh and add Phase 1 in the main mixing vessel and begin heating to 70-75C with moderate agitation.
2. Add Phase 2 to a side vessel and begin heating to 70-75C with moderate agitation.
3. When both Phases are at 70-75C and homogenous, add Phase 2 to the main vessel and mix until homogenous.
4. Reduce temperature to 40-50C and add phase 3. Use high shear if necessary.
5. When at temperature and homogenous, fill immediately.

Appearance
Opaque solid

Odour
Green Tea and Fig Fragrance

Viscosity
N/A

pH
N/A

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