

TEMEST Z110: DiOctyldodecyl Azelate

FEATURES:

TEMEST Z110 is an emollient obtained from long chain Fatty alcohols and Azelaic acid derived from biomass. Biodegradable, it's 100% renewable.

TEMEST Z110 imparts a soft and velvety texture to the skin. multipurpose emollients suitable for various cosmetic applications, including make-up, skin care and Sunscreen. Its outstanding polarity makes TEMEST Z110 ideal to disperse the pigments and to improve the skin moisture. In Sunscreen it enhances the skin protection as well as it improves the efficiency of the chemical and physical filters.

Temst Z110 conveys Azelaic acid to the skin thus synergizing with the active ingredients of the skin care products, such as the antiaging and the antipollution.

- Moisturizing agent
- Solubilizer for sunscreen
- Pigment dispersant
- Texture improver

PROPERTIES	TYPICAL VALUES
Appearance	Clear Liquid
Ester Content	99 min
Colour	Colourless
Density @ 25°C	0,90 - 0,92
Refractive Index @ 25°C	1,443
Acid Value	0,2 max
Water	0,1 max
Residual Alcohol	300 max
Odour	Odourless
Viscosity 20°C	70-100

TEMEST Z110:

Application:

- Creams & Lotions
- Sun care
- Active Skin care
- Hair care
- Color cosmetics

Benefits:

- Texture improver, Moisturizing
- Film former, filter solubilizer
- Active emollients
- Shine improver, conditioner
- Pigment Dispersant

DISCLAIMER:

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TEMEST Z110 transforms the texture of the finish product. Thanks to its rolling oil structure it improves the spreading coefficient of the entire formulation, leaving a very dry and rich skin feel. Derived from natural feedstock including vegetable biomass, it is the most elected ingredient for vegan and natural cosmetics.

- Biodegradable
- 100% natural
- Not greasy
- It improves the skin softness
- Very stable vs oxidation

Since 2002 temix Oleo is committed to cosmetic industry in providing high quality raw material derived from renewable sources. Environment, Ethics, and Sustainability are our mission.

BIO CREAM FOR BODY MASSAGE

Ingredient (INCI)	Function	%
Glyceryl Stearate Citrate	Green Emulsifier	3.00
Glyceryl Stearate	Co-Emulsifier	5.00
Temest T20 (Coco caprylate caprate)	Natural Emollient	3.00
Almond oil	Vegetable emollient	5.00
TEMEST Z110 (di-Octyl Dodecyl Azelate)	Natural Texture improver	8.00
Preservatives	Preservative	q.s.
DI Alpha Tocopherol	Antioxidant	0.20
Water (Aqua)	-	To 100
Glycerin	Umectant	2
Active ingredients (extracts, Proteins, Vitamins etc)	Actives	q.s.

TEMEST Z110:

Formulation:

- *Natural bio lotions*
- *Lipstick*
- *Hair conditioners*
- *Sunscreen Lotions*
- *Skin Care Lotions*

Dosage:

- 3-8%
- 10-15%
- 1-3%
- 2 - 5%
- 5-10%

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