

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 emollient 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.

Temest 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:**

The preceding data is based on tests and experience, which Temix Oleo Srl believes reliable, and is supplied for informational purposes only. Temix Oleo Srl expressly disclaims any liability whatsoever for damage or injury which results from the use of the preceding data and nothing contained therein shall constitute a guarantee, warranty, or representation (including freedom from patent liability) by Temix Oleo Srl with respect to the data, the product described, or its fitness for use for any specific purpose, even if that purpose is known to Temix Oleo Srl for detailed safety and handling information regarding these products, please refer to the respective Temix Oleo Srl material safety data sheet.

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**FEATURES:**

TEMEST Z110 transforms the texture of the end 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.

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
<b>TEMEST Z110 (di-Octyl Dodecyl Azelate)</b>	<b>Natural Texture improver</b>	<b>8.00</b>
Preservatives	Preservative	q.s.
DI Alpha Tocopherol	Antioxidant	0.20
Water (Aqua)	-	To 100
Glycerin	Humectant	2
Active ingredients (extracts, Proteins, Vitamins etc)	Actives	q.s.

**TEMEST Z110:**

**Formulation:**

**Dosage:**

- |                              |          |
|------------------------------|----------|
| • <i>Natural bio lotions</i> | • 3-8%   |
| • <i>Lipstick</i>            | • 10-15% |
| • <i>Hair conditioners</i>   | • 1-3%   |
| • <i>Sunscreen lotions</i>   | • 2 - 5% |
| • <i>Skin care lotions</i>   | • 5-10%  |

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