

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:

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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 |
| 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 | Humectant | 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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