

AakoSun ZnO TECS

Zinc Oxide, Triethoxycaprylylsilane

Description

AakoSun ZnO TECS is an efficient inorganic particulate broad-spectrum UV A and UV B absorber, scatterer and reflector. AakoSun ZnO TECS is hydrophobic and can easily be dispersed in the oil phase of an emulsion. AakoSun ZnO TECS can be used in combination with other organic and inorganic UV filters and will boost the SPF and UVAPF efficacy of the total formulation. The small particle size makes AakoSun ZnO TECS non-whitening.

▪ Chemical name	Zinc Oxide with Triethoxycaprylylsilane coating
▪ INCI name	Zinc Oxide, Triethoxycaprylylsilane
▪ CAS number	1314-13-2; 2943-75-1
▪ Formula	Particulate Wurtzite ZnO crystals with Triethoxycaprylylsilane coating
▪ UV A & B absorber	Hydrophobic powder, dispersible in cosmetic oils

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Typical properties

Appearance	Fine white powder
Assay (coated)	> 97 %

Regulatory Status:

EU 25% Max.

Regulation (EC) No 1223/2009 Annex VI

Storage:

Keep product dry and protect containers from damage. Reseal containers tightly after use. Minimum shelf life of 2 years under appropriate conditions of storage.