

AakoSun TiO₂ SLD

Titanium Dioxide, Silica, Dimethicone

Description

AakoSun TiO₂ SLD is an efficient inorganic particulate broad-spectrum UV A and UV B absorber, scatterer and reflector. AakoSun TiO₂ SLD is hydrophobic and can easily be dispersed in the oil phase of an emulsion. AakoSun TiO₂ SLD can be used in combination with other organic and inorganic UV filters and will boost the SPF and UVAPF efficacy of the total formulation.

▪ Chemical name	Titanium Dioxide with Silica and Dimethicone coating
▪ INCI name	Titanium Dioxide, Silica, Dimethicone
▪ CAS number	13463-67-7, 7631-86-9, 63148-62-9
▪ Formula	Particulate Rutile TiO ₂ crystals with Silica and Dimethicone coating
▪ UV A & B absorber	Hydrophobic powder, dispersible in cosmetic oils

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Typical properties

Appearance	Fine white powder
Amount of TiO ₂	80-85 %
Primary particle size	20-40 nm

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 4 years under appropriate conditions of storage.