AakoSun TiO₂ SL

Titanium Dioxide, Silica

Description

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

See our guide formulations for inspiration.

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



AakoSun TiO₂ SL

Typical properties

Appearance Amount of TiO₂ Primary particle size Fine white powder 85-90 % 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 3 years under appropriate conditions of storage.



Disclaimer: The data submitted in this publication are based on the current knowledge and experience. They do not constitute a guarantee in the legal sense of the term and, in view of the manifold factors that may affect processing and application, do not relieve processors from the responsibility of carrying out their own tests and experiments. Any relevant patent rights and existing legislation and regulations must be observed.