

AakoSun TiO₂ AS

Titanium Dioxide, Alumina, Stearic Acid

Description

AakoSun TiO₂ AS is an efficient inorganic particulate broad-spectrum UV A and UV B absorber, scatterer and reflector. AakoSun TiO₂ AS is hydrophobic and can be dispersed in the oil phase of an emulsion. AakoSun TiO₂ AS 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 Alumina and Stearic Acid coating
▪ INCI name	Titanium Dioxide, Alumina, Stearic Acid
▪ CAS number	13463-67-7, 1344-28-1, 57-11-4
▪ Formula	Particulate Rutile TiO ₂ crystals with Alumina and Stearic Acid coating
▪ UV A & B absorber	Hydrophobic powder, dispersible in water and cosmetic oils

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Typical properties

Appearance	Fine white powder
Amount of TiO ₂	75-80 %
Primary particle size	15-30 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.