

# AakoSun TiO<sub>2</sub> AHS

Titanium Dioxide, Aluminum Hydroxide, Stearic Acid

## Description

AakoSun TiO<sub>2</sub> AHS is an efficient inorganic particulate broad-spectrum UV A and UV B absorber, scatterer and reflector. AakoSun TiO<sub>2</sub> AHS is hydrophobic and can be dispersed in the oil phase of an emulsion. AakoSun TiO<sub>2</sub> AHS 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 Aluminum Hydroxide and Stearic Acid coating
▪ INCI name	Titanium Dioxide, Aluminum Hydroxide, Stearic Acid
▪ CAS number	13463-67-7, 21645-51-2, 57-11-4
▪ Formula	Particulate Rutile TiO <sub>2</sub> crystals with Aluminum hydroxide and Stearic Acid coating
▪ UV A & B absorber	Hydrophobic powder, dispersible in water and cosmetic oils

## AakoSun TiO<sub>2</sub> AHS

### Typical properties

Appearance	Fine white powder
Amount of TiO <sub>2</sub>	75-85 %
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.