

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

## Titanium Dioxide, Silica

### Description

AakoSun TiO<sub>2</sub> SL is an efficient inorganic particulate broad-spectrum UV A and UV B absorber, scatterer and reflector. AakoSun TiO<sub>2</sub> SL is hydrophilic and can be dispersed in the water or oil phase of an emulsion. AakoSun TiO<sub>2</sub> 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 <sub>2</sub> crystals with Silica coating
▪ UV A & B absorber	Hydrophilic powder, dispersible in water and cosmetic oils

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

### Typical properties

Appearance	Fine white powder
Amount of TiO <sub>2</sub>	85-90 %
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 3 years under appropriate conditions of storage.