# AakoSun TiO<sub>2</sub> 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
<ul> <li>INCI name</li> </ul>	Titanium Dioxide, Silica
CAS number	13463-67-7, 7631-86-9
<ul> <li>Formula</li> </ul>	Particulate Rutile TiO <sub>2</sub> crystals with Silica coating
<ul> <li>UV A &amp; B absorber</li> </ul>	Hydrophilic powder, dispersible in water and cosmetic oils



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### **Typical properties**

Appearance Amount of TiO<sub>2</sub> 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.



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