

### ARGA-SUN

**ARGA-SUN** Titanium Dioxides offer excellent sun protection in an easy-to-use form. These powders offer formulation flexibility for optimal compatibility and have been specially treated to improve dispersibility and optimize aesthetics.

- Excellent transparency
- UVA/UVB protection
- Good stability
- Non-irritating

Ideal for numerous cosmetic and personal care applications: color cosmetics, daily UV-protection, sensitive skin products, beach products, baby care, and more.

#### PRODUCTS

	ARGA-SUN SW	ARGA-SUN T-ME
Description	Titanium Dioxide (90%) treated with Silica (10%)	Titanium dioxide (97%) treated with Methicone (3%)
INCI Name	Titanium Dioxide (and) Silica	Titanium Dioxide (and) Methicone
CAS Number	13463-67-7, 7631-86-9	13463-67-7, 9004-73-3
	<ul style="list-style-type: none"><li>➤ Improved transparency</li><li>➤ Non-agglomerating</li><li>➤ Water/oil dispersible</li></ul>	<ul style="list-style-type: none"><li>➤ Hydrophobic</li><li>➤ Smoother feeling</li><li>➤ Oil/silicone dispersible</li></ul>

#### PHYSICAL PROPERTIES

Appearance	Free flowing powder	Free flowing powder
Color	White to match standard	White to off white/ to match standard
Odor	Odorless to faint characteristic odor	Odorless to faint characteristic odor
Loss on Drying	< 2.0%	< 2.0%
Hydrophobicity	To be floating on the water for more than 1 hour (2.0g in 100ml distilled water)	To be floating on the water for more than 1 hour (2.0g in 100ml distilled water)
pH	6 -9 :5g/ 50ml ethanol solution (50 wt %)	6 -9 :5g/ 50ml ethanol solution (50 wt %)
Typical Particle Size	0.1 ~ 1 $\mu$	0.1 ~ 1 $\mu$
Heavy Metals		
Lead (as Pb)	Less than 10 ppm	Less than 10 ppm
Arsenic (as As)	Less than 1 ppm	Less than 1 ppm

The information provided is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

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