

Titanium Dioxide in Aqua

FACT SHEET

Description: 25% micronized titanium dioxide dispersed in water for easy formulating, gives UVA and UVB protection. Contains Water, titanium dioxide, aluminum oxide and sodium hexametaphosphate. White to off-white thixotropic (gel-like, but fluid when agitated) dispersion with characteristic odor, liquefies upon stirring. Soluble in water, insoluble in oil. CAS# 7732-18-5, 13463-67-7, 1344-28-1, 68915-31-1.

INCI Name: Titanium dioxide, aluminum oxide, sodium hexametaphosphate.

Properties: Powerful broad spectrum UV filter that is water based and therefore non-greasy, has a synergistic effect when combined with other sun screens. Can be used in water based products such as creams and lotions where sun protection is desired.

Use: 5 - 30%, used as any other ingredient of the water phase. 3.3% corresponds to an SPF of about 2. Shake or stir dispersion before use.