

Titanium Dioxide for Makeup, Liquid

Specification Sheet

Description: Regular (non-nano) titanium dioxide dispersed in fatty alcohol (octyldodecanol) for easy formulating at a concentration of 40-50%. Ideal for coverage in makeup products. Particle size is 200-250nm.

CAS: 13463-67-7, 5333-42-6, 2943-75-1

INCI Name: Titanium Dioxide, Octyldodecanol, Triethoxycaprylylsilane

Composition: Titanium Dioxide, Octyldodecanol, Triethoxycaprylylsilane

Appearance: White oily, opaque liquid

Benefits:

- Reflects sunlight (UVB rays)
- Provides great emollient properties and excellent coverage for makeup products
- Synergistic effect when combined with other sunscreens (e.g. micronized titanium dioxide)
- Can be used in makeup products for adding coverage but also creams and lotions where sun protection is needed

Use: Add to oil phase of formulas. Typical use level is 1-30%. Shake or stir dispersion before use. For external use only.

Applications: Makeup products, foundations, sun care products, creams and lotions.

Solubility: Oil-soluble

Preservation: Preservative-free

Storage: Store light-protected at a cool and dry place

Country of Origin: USA

Raw material source: Ilmenite

Manufacture: Titanium dioxide is made from the mineral ilmenite and sulfuric acid to produce synthetic rutile which consists then of more than 90% of titanium dioxide.

Animal Testing: Not animal tested

GMO: GMO-free (does not contain plant-derived components)

Vegan: Does not contain animal-derived components

HS Code: 2823000000

Proposition 65: This product can expose you to chemicals including Titanium Dioxide, which is known to the State of California to cause cancer or reproductive toxicity. For more information, go to www.P65Warnings.ca.gov

Regulatory Information: Sunscreens are registered as API (Active Pharmaceutical Ingredient) or OTC-drug with the FDA. This means that, if you want to sell products containing a sunscreen, your facility must be registered with the FDA and operate under cGMP guidelines. Further information about the FDA regulation of sunscreens can be found in our resource section. If used as colorant, Titanium dioxide is a FDA-approved color additive but is exempt from batch certification. It is safe for use in coloring cosmetics generally, including cosmetics applied to the area of the eye, in amounts consistent with good manufacturing practice.