

## 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. White oily liquid. Oil-soluble.

**CAS:** 13463-67-7, 5333-42-6

**INCI Name:** Titanium dioxide, octyldodecanol

**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.

**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

**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 [here](#).