

Octocrylene, USP

Specification Sheet

Description: Liquid UVB sunscreen. Chemical name: 2-ethylhexyl 2-cyano-3,3-diphenyl-2-propenoate. Clear, viscous yellow liquid, weak characteristic odor

CAS: 6197-30-4

INCI Name: Octocrylene

Composition: Octocrylene

Purity Grade: USP Grade

Appearance: Clear, viscous yellow liquid, weak characteristic odor

Benefits:

- USP grade
- UVB filter and photostabilizer for other sunscreens (e.g. avobenzone)
- Excellent solvent for solid and/or water-resistant sunscreens.

Use: Incorporate into oil phase. Approved use level in the USA: up to 10% alone and 7-10% when used in combination with other sunscreen actives. For external use only.

Applications: Sun care products (creams, lotions), baby sun care products, moisturizers for daily use, decorative cosmetics with sun protection

Solubility: Water-insoluble, miscible with mineral oils, plant oils & silicone oils

Preservation: Preservative-free

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

Country of Origin: China

Raw material source: 2-ethylhexanol and diphenylcyanoacrylate

Manufacture: Octocrylene is made synthetically by the condensation of 2-ethylhexanol and diphenylcyanoacrylate.

Animal Testing: Not animal tested

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

Vegan: Does not contain animal-derived components

HS Code: 3304100000

Proposition 65: WARNING: This product can expose you to chemicals including Benzophenone <200 ppm, 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.