

Octocrylene

Specification Sheet

Description: Liquid UVB sunscreen. Chemical name: 2-ethylhexyl 2-cyano-3,3-diphenyl-2-propenoate. Clear, viscous yellow liquid, weak characteristic odor. Water-insoluble, miscible with mineral oils, plant oils & silicone oils.

CAS: 6197-30-4

INCI Name: Octocrylene

Benefits:

- 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. Store light-protected.

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

Country of Origin: USA

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

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](#).