

OM-Cinnamate, USP

Specification Sheet

Description: Liquid oil soluble UVB sunscreen. Ester of methoxycinnamate made of a derivative of cinnamic acid (occurring in plants like balsam of Peru, cinnamon leaves) with methyl acetate. Synonyms: 2- ethylhexyl-p-methoxycinnamate or octinoxate. Purity >98%.

CAS: 5466-77-3

INCI Name: Octyl methoxycinnamate

Composition: Octyl methoxycinnamate, BHT

Purity Grade: USP grade

Appearance: colorless to light yellow liquid, almost odorless

Benefits:

- USP grade
- UVB filter
- Can be combined with other sunscreens

Use: Can be added to formulas as is. Typical use level 2-10%. Maximum concentrations allowed: USA 7.5 %, Europe & Japan 10 %. For external use only.

Applications: Sun care & after-sun products, hair care products, lotions, liquid makeup products.

Solubility: Soluble in oil & alcohol, water insoluble

Preservation: BHT (antioxidant)

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

Country of Origin: Germany

Raw material source: Methoxycinnamic acid and 2-ethylhexanol

Manufacture: Octyl methoxycinnamate is made synthetically by the condensation of methoxycinnamic acid and 2-ethylhexanol.

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 methanol, 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.