

Vitamin C (tetrahexyldecyl ascorbate)

Specification Sheet

Description: Highly stable, oil-soluble vitamin C ester. Has excellent skin penetration and as a result offers increased cell protection against UV-B. The skin cell viability is increased up to 30% when compared with L-ascorbic acid.

CAS: 183476-82-6, 1445760-15-5

INCI Name: Tetrahexyldecyl Ascorbate

Composition: Tetrahexyldecyl Ascorbate

Appearance: Clear yellowish liquid

Benefits:

- Can improve appearance of aged and fragile skin
- Widely used as add-on ingredient in skin-lightening products to correct hyperpigmentation and age spots
- Antioxidant effect can be increased by combining L-ascorbic acid with L-ascorbyl palmitate and/or vitamin E
- Does not give finished formulas a yellowish tint like l-ascorbic acid

Use: Add to oil soluble phase of formula. Typical use level 1-10%. Do not apply directly to skin. For external use only.

Applications: Lotions, gels, creams, sun care & after sun products, makeup, lip products.

Solubility: Oil-soluble, water-insoluble

Preservation: Preservative-free

Storage: Store light-protected at a cool and dry place. Refrigerate after opening.

Country of Origin: Japan

Raw material source: L-ascorbic acid, trihexyl hexadecane



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Manufacture: Tetrahexyldecyl ascorbate is produced by adding hydrocarbon chains (oily substances) such as trihexyl hexadecane to ascorbic acid whereby ascorbic acid becomes stabilized and oil-soluble.

Animal Testing: Not animal tested

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

Vegan: Does not contain animal-derived components

HS Code: 2936270000