

Vitamin C in Silicone (20% L-ascorbic acid)

Specification Sheet

Description: Active form of vitamin C stabilized in an elastomer dispersion. Contains 20% pure l-ascorbic acid providing all the antioxidant and anti-aging benefits in an easy to use blend.

CAS: 541-02-6, 50-81-7, 62624-30-0, 63394-02-5, 156065-02-0, 29383-26-4, 29710-25-6

INCI Name: Cyclopentasiloxane, l-ascorbic acid, polysilicone-1, ethylhexyl hydroxystearate

Composition: Cyclopentasiloxane, l-ascorbic acid, polysilicone-1, ethylhexyl hydroxystearate

Appearance: Off-white to light tan gel texture

Benefits:

- Potent antioxidant (shown to be able to protect skin from oxidative damages)
- 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

Use: Add to the end phase of cosmetic formulations (e.g. emulsions). Typical use level 10-40%. Note: Conducting a skin patch test prior to use is recommended to determine potential irritation/sensitization. For external use only.

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Solubility: Water-insoluble, oil-soluble

Preservation: Preservative-free

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

Country of Origin: USA

Raw material source: Citrus fruit, castor bean

Manufacture: L-ascorbic acid is naturally derived from all natural citrus fruit sources. It is then dissolved and stabilized in an elastomer dispersion consisting of cyclopentasiloxane, polysilicone-11, and ethylhexyl hydroxystearate (derived from castor bean).

Animal Testing: Not animal tested

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

Vegan: Does not contain animal-derived components

HS Code: 3208100000