

Vitamin C (3-glyceryl ascorbate)

Specification Sheet

Description: Novel, stabilized vitamin C derivative produced by binding vitamin C (ascorbic acid) to glycerin. Active matter: 30%. Clear yellowish liquid. Water-soluble.

CAS: 1120360-11-3, 7732-18-5, 56-81-5

INCI Name: 3-glyceryl ascorbate, glycerin, water

Benefits:

- Has enhanced moisturizing and antioxidant properties when compared with L-ascorbic acid
- 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 glyceryl ascorbate with vitamin E

Use: Add to water phase of formula. Usual concentration 1-10%. For external use only. Ideal pH environment 3-5. Do not apply directly to skin. Keep refrigerated

Applications: Skin toners, transparent gel-serums, lotions, creams, sun care & after sun products.

Country of Origin: Japan

Raw material source: L-ascorbic acid and glycerin

Manufacture: 3-glyceryl ascorbate is made synthetically by attaching glycerin to ascorbic acid (vitamin C).

Animal Testing: Not animal tested

GMO: GMO free but not certified

Vegan: Does not contain animal-derived components