

iVit SAP

INCI Name (US): Sodium Ascorbyl Phosphate

INCI Name (EU): Sodium Ascorbyl Phosphate

CAS #: 66170-10-3

**General Information/
Characteristics:**

iVit SAP is an active vitamin C derivative known to impart whitening and brightening effects on the skin. It can promote ossein synthesis and restrain lipid oxidation. However, its color is easily changed by oxidation, so the use of Vitamin C is limited. This active liberates vitamin C in the skin and protects the cells of the skin, promotes collagen formation, controls the formation of senile keratosis, and lightens dark skin.

Benefits / Application:

Skin care benefits:

- Treatment for pigmentary disorders such as age spots.
- Favorable adhesion and moisturization.

Applications:

- Skin whitener/lightener creams and lotions.
- Skin care creams and lotions.

Formulations Advices:

Whiteners 2-5%, other skin care products 1-3%. It will be much stable when the pH is greater or equal to 6.5. It has better effect upon usage with vitamin E acetate. It easily dissolves in water and alcohols.

Regulatory Status:

No specific regulations.

**Physical-Chemical
Properties:**

Appearance	Powder, odorless.
Color:	White or almost white.
pH value (25 °C, 1% soln)	8.0-10.0
Solubility:	Easily dissolved in water and alcohols.
Heavy metals:	≤ 0.001%

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Loss on drying (%) ≤10.0%

Assay content (HPLC): ≥98.0%

**These values indicate typical specification; they are not intended to be used as product specifications*

Additives:

None.

Shelf Life / Storage Conditions:

Store at room temperature in a cool and dry place. The validity is one year.

Packaging:

1kg*20 aluminum foil bag or 20kg plastic bag

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