

Sodium Ascorbyl Phosphate

(L-Ascorbic acid-2-monophosphate, trisodium salt)



Sodium ascorbyl phosphate is a stable vitamin C derivative and can be used effectively in skin care products.

Sodium Ascorbyl Phosphate

Because our bodies need vitamin

It has been proved by scientific studies:

*Vitamin C demonstrates proven effects on the skin.
Sodium ascorbyl phosphate penetrates the skin and is
converted to free vitamin C by enzymes present in
the skin.*

Vitamin C protects the cells of the skin ...

As a reducing agent, vitamin C can scavenge and destroy aggressive oxidizing agents and radicals in the skin: hydroperoxides and lipoperoxides, aggressors that are formed in the skin as a result of a wide range of environmental influences in everyday life, but particularly, intensive exposure to sunlight.



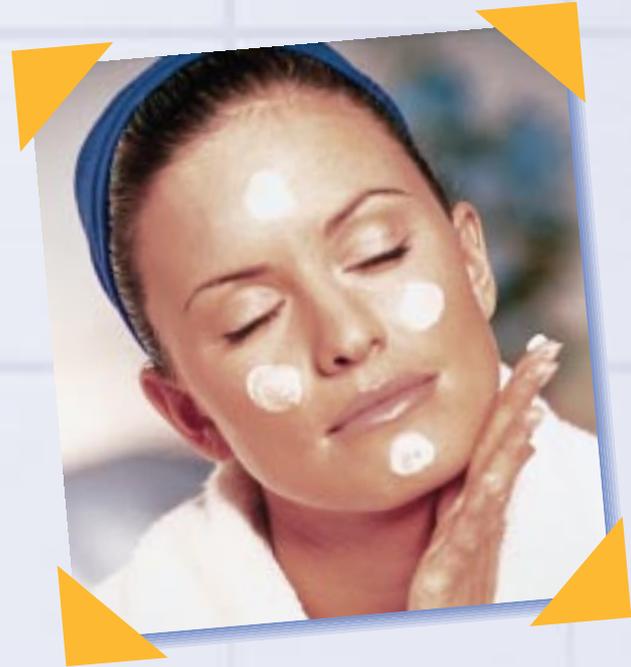
ns - inside and outside.

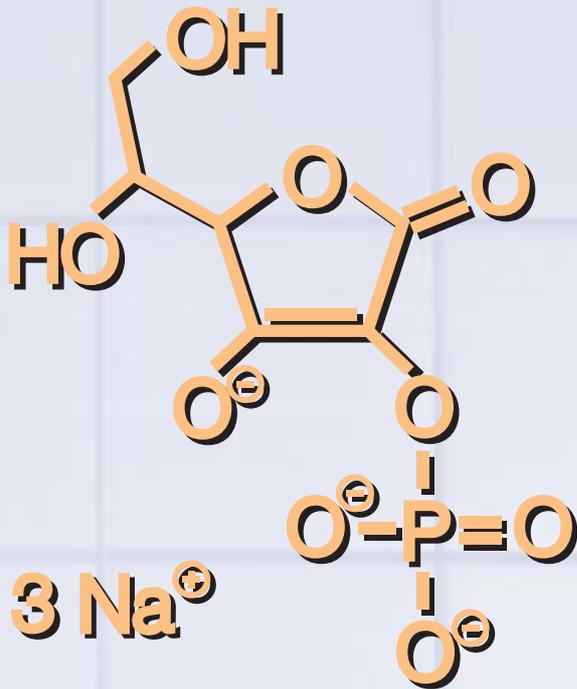
... whitens ...

Vitamin C capable of suppressing the pigmentation of the skin and decomposing melanin. In this way, it reduces the brown coloration of the skin, prevents the formation of freckles, birthmarks and senile keratosis, and can be used with good effect to whiten dark skin, or areas of dark skin.

... and influences the elasticity of the skin.

Vitamin C promotes the formation of collagen.





Sodium ascorbyl phosphate: Ideal for up-to-date skin-care preparations.

Sodium ascorbyl phosphate can be incorporated to provide the entire spectrum of positive effects of vitamin C. Preparations can be produced which, for example, protect against sunburn and the everyday effects of the environment, which whiten the skin, and which combat freckles or senile keratosis.

Product description

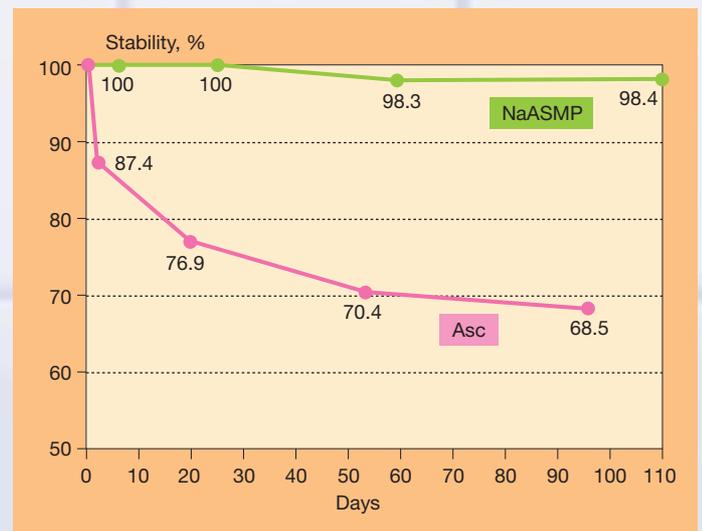
Appearance	beige powder
Vitamin C content (HPLC)	min. 45 %

Solubility

Sodium ascorbyl phosphate is readily soluble in water and dissolves rapidly.

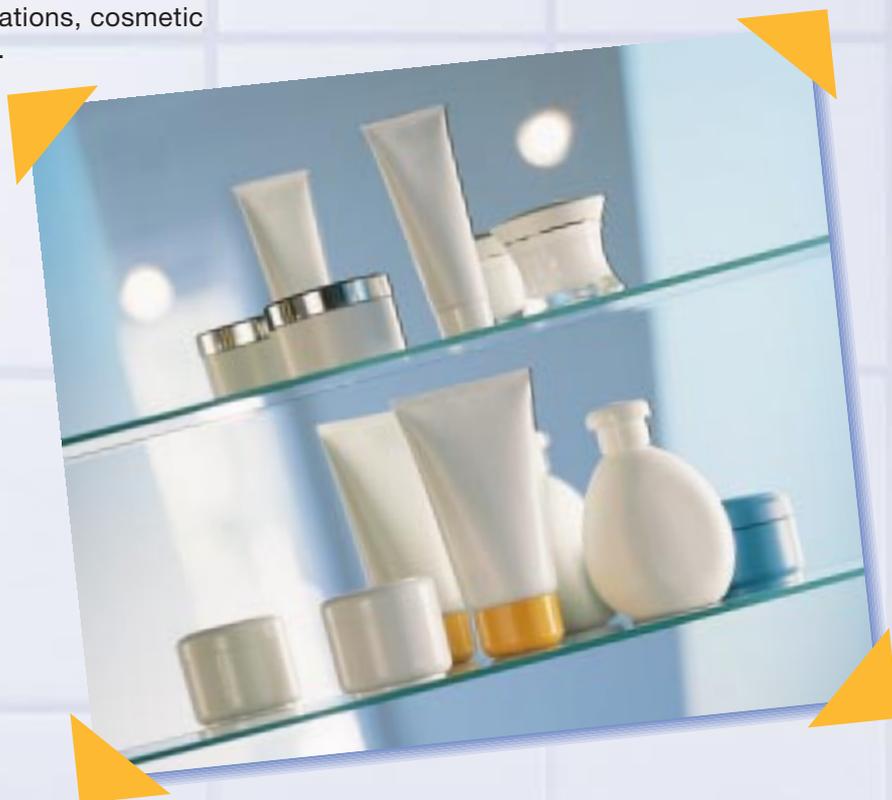
Stability of sodium ascorbyl phosphate (NaASMP) compared with ascorbic acid (Asc)

0.2 % in water, 20 °C, pH 7



**Sodium ascorbyl phosphate –
For effective and stable formulations.**

Sodium ascorbyl phosphate can be used in a wide range of formulations and, as the salt of a monovalent cation, it has excellent compatibility with carbomers. This means that, in the usual concentrations, cosmetic formulations remain completely stable.



Literature

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Note

The data submitted in this publication are based on our current knowledge and experience. They do not constitute a guarantee in the legal sense of the term and, in view of the manifold factors that may affect processing and application, do not relieve processors of the responsibility of carrying out their own tests and experiments. Any relevant patent rights and existing legislation and regulations must be observed.