

# Cosactive Tocas

## Antioxidant

Cosactive Tocas is an optimised blend of vitamin E and a vitamin C ester.

Vitamin E is well known and is used practically everywhere as a "standard vitamin".

Vitamin C (ascorbic acid) is a normal component of human skin, found in the dermis and epidermis. It is one of the most commonly used antioxidants to protect the skin. In addition, vitamin C is important in protecting the skin from UV-induced free radical damage associated with skin ageing.

Ageing. Unfortunately, pure vitamin C in cosmetic formulations is not stable and oxidises easily when exposed to air or light.

Ascorbyl isostearate is an oil-soluble derivative of vitamin C and has improved solubility, penetrates the skin and is converted to ascorbic acid.

Because of this process, its effectiveness is better than that of pure ascorbic acid. It is resistant to discolouration and degradation, but retains all the biological activity of ascorbic acid.

## Processing

Ideally, it is added with the active ingredient phase below 40°C, but can also be heated to 80°C for a short time (max. 30 minutes).

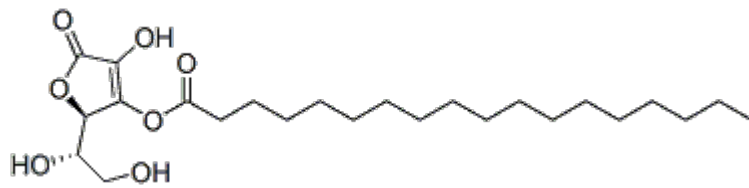
## Recommendation application concentration

% Tocas	Comment
1	Product protection
1-10	Skin protection

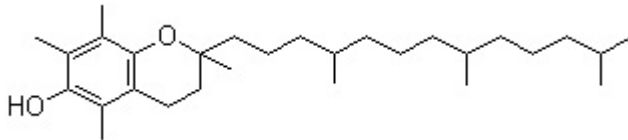


## INCI

Tocopherol, Helianthus  
Annuus (Sunflower)  
Seed Oil, Ascorbyl  
Isostearate, Ascorbic  
Acid



Ascorbyl Isostearate



Tocopherol

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## Cosactive Tocas - Skin and product protection

This natural and effective antioxidant protects the skin from damage by ROS and at the same time the product. Ideal for high quality cosmetics.

- Vegan
- Yellowish to slightly reddish oil
- ISO 16128 = 100% natural origin content
- Storage at 10-25°C
- Easy to dose thanks to natural sunflower oil
- Available from 1 kg
- Best before date: 24 months