

# ACEROMINE

NATURAL VITAMIN C CONCENTRATE



Encapsulated vitamin

## > ACTIONS

- Anti-free radicals
- Prevents premature aging (UV, pollution, etc.)
- Reduces pigmentation
- Stimulates collagen production

## COMPOSITION

**Vitamin C:** 1.4 - 2%

## ORIGIN

Acerola, Barbados cherry  
*Malpighia puniceifolia*  
(Fruit)

Very rich in vitamin C, its encapsulation into liposomes ensures a high degree of stability and light insensitivity.



vitamin



ANTIOXIDANT

ACEROMINE

PHYTOBIOACTIVE

## > MECHANISM OF ACTION

A potent antioxidant, vitamin C stops free radical cascade reactions. It is also involved in pro-collagen synthesis and its conversion to functional collagen. It also limits pigmentation by inhibiting tyrosinase.

## > COSMETIC BENEFITS

- ACEROMINE prevents premature aging caused by environmental aggressions (UV, pollution, etc.) and preserves a youthful skin. It reinforces skin firmness. It has an anti-dark spot effect thanks to its pigmentation-reducing action.
- The skin stays supple and elastic, remaining younger longer, and the complexion is uniform, light and radiant.

## > COSMETIC APPLICATIONS

- ▶ **Anti-ageing care products**
- ▶ **Protective care products**
- ▶ **Regenerative care products**
- ▶ **Sun care and after-sun products**
- ▶ **Lightening and anti-dark spot care products**

## > SCIENTIFIC PROCESS

- **Vitamin C** traps and neutralises free radicals. It is also involved in the modulation of enzyme activities by controlling the replication of pro $\alpha$ 1, pro $\alpha$ 2 and pro $\alpha$ 3 genes, serving as a hydroxylase cofactor and increasing the production of hydroxyproline, the main constituent of collagen.
- **Depigmenting agent**, it inhibits tyrosinase, the enzyme involved in the initial steps of the pigmentation process.

### FORMULATION

**Concentration for use:** 2 to 5%

#### **Precautions for use:**

Add to emulsions, at the end of the preparation process, either cold or at 35-40 °C, during cooling.

### TECHNICAL DATA

#### **Characteristics**

<b>Organoleptic</b>	Appearance: viscous liquid Colour: beige to orange
<b>Solubility</b>	Water: soluble Alcohol: partially soluble

#### **Storage**

Keep in a dark place, in the original packaging, at a temperature between 2 and 8 °C. Use rapidly once opened, or transfer to sterile packaging.

#### **Tolerance tests**

- Eye irritation: practically non-irritant
- Skin irritation: non-irritant
- Sensitisation: non-allergenic

INCI name: Water, Malpighia Punicifolia (Acerola) Fruit Extract, Alcohol, Glycerin, Lecithin, Guar Hydroxypropyl-trimonium Chloride, Benzophenone-4

Preservative: Phenoxyethanol

Authorized: 

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