

ENNACOMPLEX 271

Toning Complex for the Eyelids

Ref : ENNA271

▶ DEFINITION

ENNACOMPLEX 271 is a botanical complex intended to formulate eyelid and eye contour toning preparations. It softens and soothes, tones and restructures the skin, restores elasticity, and reduces pouches. It is especially recommended for toneless and stressed eyelids.

▶ COMPOSITION

Mixed extracts of Lady's mantle, Horsetail, Ivy, and Chamomile, made with water and propylene glycol as solvents.

▶ COSMETIC ACTIVITY

The antiinflammatory and soothing properties of *Chamomile* (rich in azulene, flavonoids and sesquiterpenoid lactones) make it useful in reducing eyelid and eye contour discomfort.

Horsetail (rich in restructuring minerals and toning flavonoids), *Lady's mantle* (rich in vasculotonic tannins such as agrimoniin and pedunculagin), and *Ivy* (rich in softening and slightly astringent saponins) help to restore the elasticity and suppress the pouches. They exert their action by stimulating the synthesis of elastic fibres such as collagen and elastin. They also have interesting astringent and micro-circulatory effects.

A clinical study has been performed to show the efficacy of ENNACOMPLEX 271 in reducing abnormalities in eyelid tone.



▶ SPECIFICATIONS

Appearance :	Limpid liquid
Colour :	Brown
Odour :	Characteristic
Density at 20°C :	1.045 ± 0.010
Refractive index at 20°C :	1.385 ± 0.010
pH (direct) :	5.0 ± 1.0
Solubility :	In water and hydro-alcoholic solution
Preservation :	0.25 % Phenonip
Identification of Sesquiterpenoids :	Positive
Identification of Flavonoids :	Positive
Identification of Silica :	Positive
Identification of Saponins :	Positive
Identification of Tannins :	Positive

Total germs :	< 100 cfu/ml
Yeasts and moulds :	< 100 cfu/ml
Pathogens :	Absence

▶ APPLICATIONS

Gels, lotions, balms, serums, masks, etc... for the eyelids and the eye contour : 2 - 10 %
 Concentrated gels and serums : 25 - 50 %

The ENNACOMPLEX 271 must be added in your preparation at a temperature below 40°C.

▶ TOXICOLOGY

Acute toxicity : DL 50 oral (rat) > 40 g /kg
 Skin irritation (rabbit) : not irritant
 Skin sensitisation (guinea pig) : not sensitising
 Eye irritation (rabbit) : not irritant

▶ INCI IDENTIFICATION

<i>INCI Name (EU)</i>	<i>INCI Name (US)</i>	<i>CAS no.</i>	<i>Einecs no.</i>
Aqua	Water	7732-18-5	231-791-2
Propylene Glycol	Propylene Glycol	57-55-6	200-338-0
Alchemilla Vulgaris Extract	Alchemilla Vulgaris Extract	84695-94-3	283-614-3
Chamomilla Recutita Flower Extract	Chamomilla Recutita (Matricaria) Flower Extract	84082-60-0	282-006-5
Equisetum Arvense Extract	Equisetum Arvense Extract	71011-23-9	275-123-8
Hedera Helix Leaf Extract	Hedera Helix (Ivy) Leaf Extract	84082-54-2	282-000-2

Customs tariff no. (EU): 1302197000

▶ STORAGE

Keep in the original tightly-closed container, at room temperature (20°C), away from light, heat, and humidity sources.

▶ REFERENCES

1. BRUNETON. Pharmacognosy, phytochemistry, medicinal plants. Lavoisier Publishing, Paris, 1995.
2. WICHTL & ANTON. Plantes thérapeutiques. Ed. Tec & Doc., Paris, 1999.
3. Dr. N. TAILLANter, Hôpital de la Croix Rouse, Lyon, France.