

Hibiscus / Karkade

HAIR LUSTRE COMPLEX-KARKADE is obtained from calyx of a subtropical family, the malvaceae, the *Hibiscus sabdariffa*, and more especially from an African variety called Karkade.

Decoctions of hibiscus flowers, in some countries like India, are traditionally used as rinsing agents to improve hair sheen. They are also prescribed as tonics, against high blood pressure and antimicrobial agents.



COMPOSITION

- ▶ Organic acids
- ▶ Polysaccharids

ACTIVITIES AND EFFICACY

The pyruvic acid present in HAIR LUSTRE COMPLEX-KARKADE gives it properties more unusual than those of the alpha hydroxy acids or fruit acids, free of irritant reaction, thanks to the presence of a very high proportion of mucilage. An independent study carried out by a dermatologist (28 days - 10%) has shown the absence of irritation.

Acids from Karkade flowers activate cellular renewal of scalp by improving moisturization and contributing to the nourishment of dermal papilla. These acids also help to reduce greasy hair appearance and to give hair natural body.

But the main benefit from Karkade flowers acid is improvement in lustre which is obtained by repairing damaged hair thanks to a smoothing effect by organic acids and polysaccharids on the keratin chains. Combing is easier in the same way by the acids from Karkade flowers. Actually, detangling and combability become easier and feel more pleasant. **Thus, hair is softer and silky.**

HAIR LUSTRE COMPLEX-KARKADE:

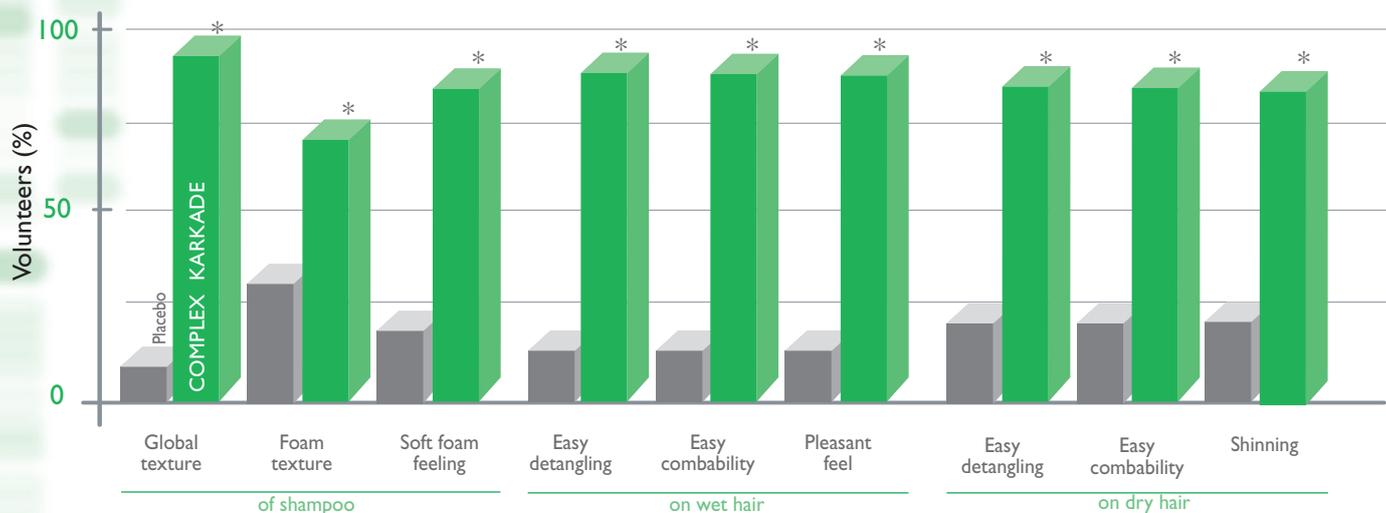
- Brings silky touch to hair
- Gives suppleness to hair fibres
- Contributes to fortifying hair
- Reduces greasy hair appearance
- Increases brightness

• INCI NAME: Water, Hibiscus Sabdariffa Flower Extract

INVIVO TEST - Relaxing and detangling effects

Sensory test on 20 volunteers:

Shampoo with 2% of COMPLEX HAIR LUSTRE - KARKADE versus placebo



* p<0.05

The **COMPLEX HAIR LUSTRE - KARKADE** gives texture to hair products.

With the **COMPLEX HAIR LUSTRE - KARKADE**, hair fibres are more supple and hair becomes soft and silky.

COSMETICS USES

- ✓ LOTIONS
- ✓ SHAMPOOS
- ✓ CONDITIONERS
- ✓ CREAMS, SERUMS, MASKS

FORMULATIONS

• USE LEVEL

The concentration can vary depending on the required activity.

- Lotions 1 to 5 %
- Shampoos 1 to 5 %
- Conditioners 5 to 10 %

• CAUTION FOR USE

Add at the end of cold preparations and at 35-40°C for emulsions, while cooling.

Warning: Information contained in this technical literature mainly results from studies and interpretations in particular based on published or generally acknowledged scientific data. It is a clue for final application but should never be used to make prescriptions for use. The company cannot assume any liability or risk involved in the use of its products since the conditions of use are beyond our control. We assume no responsibility concerning the formulations which are brought to the market and which contain one or several of our products. It is incumbent to the formulators to take all necessary precautions and, in particular, to comply with all required legal and regulatory steps and formalities.

TECHNICAL DATA

CHARACTERISTICS

Organoleptic: Appearance: Liquid
Color: Yellow to orange
Smell: Characteristic

Solubility: Water: Soluble
Alcohol: Partially soluble

MICROBIOLOGICAL CONTROLS

Manufacturing processes are run ensuring a satisfying microbiological quality. A stability test is carried out on each batch.

CONSERVATION

Store protected from light in their original packaging and at room temperature (15-25°C).

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