**HENTOWHITE**

Whitening and anti Age-Spots Cosmetic Ingredient

**DESCRIPTION:**

HentoWhite, compound based on Resorcinol derivative, with excellent results on the reduction of skin’s dark spots and skin whitening, with no irritation effects.

Hentowhite not only has an important reducing effect on the activity of the tyrosinase, but its clearing and whitening activity is accomplished by the synergistic and simultaneous action, on the three mechanisms of the melanogenesis process:

1. **Before the melanin synthesis**, interfering in the synthesis and glycosilation of the tyrosinase preventing that the enzyme could be absorbed by the melanosome.

2. **During the melanin synthesis**, inhibits enzymatic activities, as a competitive inhibitor of tyrosinase, and less on TRP1 and TRP2 Enzymes, reducing the formation of byproducts that promote melanogenesis.

3. **After the melanin synthesis**, improving the tyrosinase degradation, the inhibition of the transfer of the melanosome to the keratinocyte, and with a light peeling thanks to the action of the Fatty Acids.

This action is reinforced by the presence of fatty acids, components with regulating activities on the degradation of the tyrosinase enzyme,

**PROPERTIES:**

Cosmetodinamic properties

- Decrease melanin formation at very early stage of melanin synthesis
- Decrease melanin synthesis and tyrosinase activity in skin melanocyte
- Decrease melanosome transferring to Keratinocytes
- Promotes desquamation of the superficial horny layers and melanin pigments residues contained therein.
- Non-irritating effect

**INCI NAME:**

Glycerin, Hexylresorcinol, Capric Acid, Caprylic Acid, PEG 400, Caproic Acid

**DOSE OF USE:**

FROM 1 TO 3%

**SOLUBILITY:**

HYDRO-SOLUBLE

**PRESERVATIVE:**

Preservative free

**COSMETIC USE:**

- Whitening Care
- Age-spot treatment
- Photo-aging, brightening/lightening Care
- Under arm and bikini area spots
- Ethnic skin Care

**EXPERIMENTAL RESULTS:**

**Melanin synthesis inhibition study**

**CONTROL**

**AFTER 3 DAYS**

**EFFECT OF HENTOWHITE ON TYROSINASE ACTIVITY**

Naturally Effective