

SEBOREDUCTYL

Sebum control & pore reducer

INCI NAME:

Aqua (Water), Butylene Glycol, Hydrolyzed Yeast Protein, Fomes Officinalis (Mushroom) Extract, Pyridoxine, Niacinamide, Panthenol, Allantoin, Threonine, Biotin.

DOSE OF USE:

5%-10%

SOLUBILITY:

HYDROSOLUBLE

PRESERVATIVE:

PARABEN FREE

COSMETIC USE:

- › Regularization of the sebum secretion and excretion
- › Natural astringent and cleanser. Matting effect on skin and scalp.
- › Improves the structure and comfort of oily skins
- › Anti-irritant effect.
- › It helps to improve the hair loss due to excess of sebum.
- › It is indicated to treat skins with acne tendency.
- › Improves shiny skins with itching problems
- › Leave-on/rinse-off products with high efficacy. It can be used in tonics, shampoos, creams, lotions and masks.

DESCRIPTION:

The activity of the sebaceous gland is modulated by psychological, nervous and neuro-vegetatives facts, and also it is influenced by heritage. It is also affected by the style of life (stress, pollution, food...)

The sebum production is modulated, basically, by sexual androgens. They become active at the level of sebaceous glands under the influence of enzymes. The enzyme 5 α -reductase is the one in charge of transforming the testosterone into Dihydrotestosterone, as soon as it enters at the sebaceous cell.

The increase of sebaceous secretion is linked to a higher sensitivity of the sebaceous gland to androgenic hormones.

SEBOREDUCTYL is an active ingredient indicated to help modulate and reducing the sebaceous secretion and excretion. It inhibits the 5 α -reductase enzyme, thanks to the action of the group B vitamins.

Thanks to the effect of the mushroom **Fomes officinalis**, it can reduce the excessive size of the pore while keeping an optimal moisturization and skin flexibility.

Allantoin and **Panthenol** would provide a calming effect on the skin, reducing the itchy and scratchy sensations and irritation common at oily skins.

PROPERTIES:

SEBOREDUCTYL does not provoke rebounds effects.

COMPOSITION

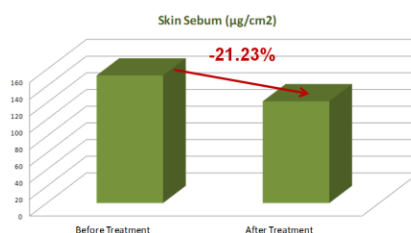
- ✓ **Sulfopeptides & Aminoacids:** To modulate the sebaceous secretion.
- ✓ **Fomes Officinalis:** It provides an astringent effect, reduces the size of the pore and supplies hydration to the skin.
- ✓ **Vitamins From Group B:** (pyridoxine, niacinamide, biotin). To inhibit the lipogenesis.
- ✓ **Allantoin:** For hydration, smoothing and calming.

SEBOREDUCTYL does not contain any synthetic detergent, or pyrithionic derivatives or Zinc salts.

CLINICAL EFFICACY TEST:

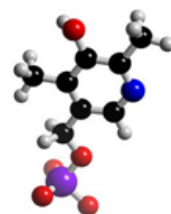
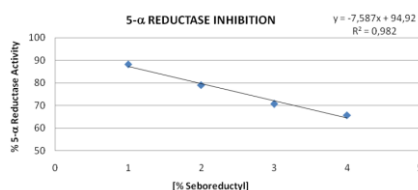
1> In-vivo Anti-sebum Efficacy:

Decrease of sebum value of -21.2% and **up to -61.0%**. 100% of the volunteers considered that their skin was less oily and shiny and felt an evenness of complexion after the study. **90%** noticed a pore size reduction.



2> In-vitro inhibition of 5 α -reductase activity:

Showing an **inhibitory effect of 34.21%**.



N a t u r a l l y E f f e c t i v e