



COSMOS
APPROVED



naturalis®
LIFE TECHNOLOGIES



PHYTO-COMPLEX OH

(Anti oily hair Plant Complex)



Arctium Lappa Root



Urtica Dioica Leaf



Ruscus Aculeatus Root



Betula Alba Leaf



Lavandula Angustifolia
Flower



Arnica Montana

DESCRIPTION:

Synergic vegetal complex obtained by ultrasonic waves at low temperature. Phyto-Complex OH is a powerful blend of six complementary plant extracts effective in regulation of seborrhea and in reduction of the aesthetic problem related to oily hair. Phyto-Complex OH contributes also to hygiene and resistance of hair and scalp and represents a perfect treatment for greasy hair.

COMPOSITION:

- Arctium Lappa Root
- Urtica Dioica Leaf
- Ruscus Aculeatus Root
- Betula Alba Leaf
- Lavandula Angustifolia Flower
- Arnica Montana

COSMETIC INTEREST:

Phyto-Complex OH is used as purifying for the treatment of greasy hair. It can be easily added to shampoos, lotions, balms, gels and haircare products.

ACTIVITY:

Strong purifying, Sebum-regulating, Anti-oily hair.

INCI NAME:

Arctium Lappa Root Extract, Urtica Dioica Leaf Extract, Ruscus Aculeatus Root Extract, Betula Alba Leaf Extract, Lavandula Angustifolia Flower Extract, Arnica Montana Flower Extract, Glycerin, Aqua.

INCI NAME (CTFA):

Arctium Lappa Root Extract , Urtica Dioica (Nettle) Extract , Ruscus Aculeatus Root Extract, Betula Alba Leaf Extract, Lavandula Angustifolia (Lavander) Flower Extract, Arnica Montana Flower Extract, Glycerin, Water.

CAS N°: 84012-13-5, 84012-40-8, 84012-38-4, 84012-15-7, 90063-37-9, 68990-11-4, 56-81-5

EINECS N°: 281-658-8, 281-685-5, 281-682-9, 281-660-9, 289-995-2, 273-579-2, 200-289-5

SPECIFICATION:

Density (at 20° C):	1,12 ± 0,010
pH:	6,0 ± 0,5
Dry matter:	3 – 5%
Appearance:	Clear liquid
Colour:	Dark amber
Odour:	Slight aromatic
Refractive index:	1,40 – 1,44
Bacteria:	< 100 germs/ ml
Yeast & Moulds:	< 10 germs/ ml

PRESERVATIVE:

Benzyl Alcohol (0,6%), Sodium Benzoate (0,18%), Potassium Sorbate (0,12%).

SOLUBILITY:

Soluble in water phase

PHYTO-COMPLEX OH (Anti oily hair Plant Complex)



RECOMMENDED USAGE:

Intensive lotions: 4-8%
Hair maintaining lotions: 3-6%
Hair mask and balm: 2-4%
Shampoos: 1-3%
Formulating pH range: any value
Formulating temperature range: 20 to 75°C

CERTIFICATION STATUS:

Natural product
ECOCERT Approved
COSMOS Approved
GMOrganisms
Not tested on animals

SAFETY & TOXICITY

Reference COMMISSION REGULATION (EC) No 987/2008 of 8 October 2008 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH):

- non-irritating
- non-toxic

PACKAGING:

10 kg Plastic drum

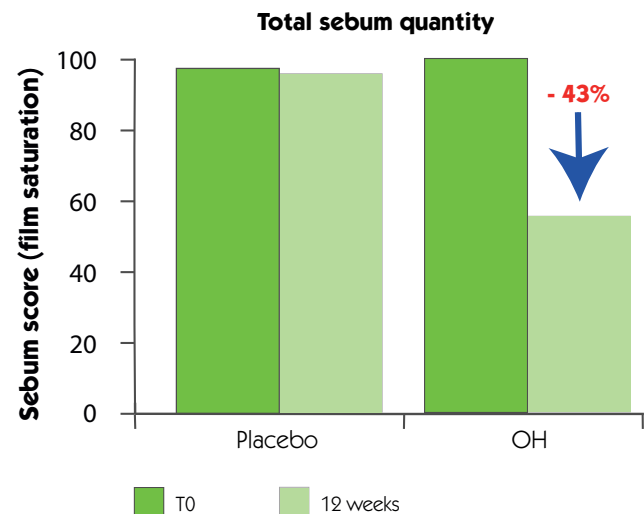
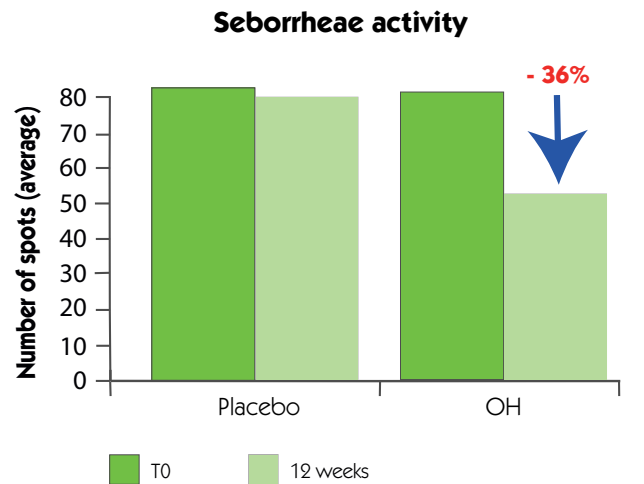
SHELF LIFE:

18 Months away from light and heat source, closed containers.

CLAIM SUBSTANTIATION:

IN VIVO: A clinical study was carried out using 20 volunteers (8 male and 12 female) aged 28-45 (average 37) suffering for oily hair were divided in two groups. The first treated with an hydro-alcoholic lotion containing 6% Phyto-complex OH (daily application in the

evening) for 12 weeks. The second with the same lotion without Phyto-Complex OH. Sebutape test and sebometric analysis (SkinLab Combo) demonstrated a significant reduction of seborrheae activity and total sebum quantity on hair.



Results demonstrate that Phyto-complex OH reduces:

- 36% seborrheae activity
- 43% total sebum quantity on hair