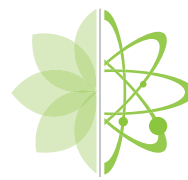




COSMOS
APPROVED



naturalis®
LIFE TECHNOLOGIES



PHYTO-COMPLEX WHT

(Whitening Plant Complex)



Arctostaphylos Uva-Ursi



Ruscus Aculeatus



Arbutus Unedo



Capsella Bursa Pastoris



Glycyrrhiza Glabra,



Chamomilla Recutita

DESCRIPTION:

Synergic vegetal complex obtained by ultrasonic waves at low temperature. Phyto-Complex WHT is a mix of powerful plant extracts in a concentrate form and containing active molecules able to inhibit tyrosinase, the key enzyme involved in the skin pigmentation. Phyto-complex WHT offers a proper response to pigmentary skin disorder. Its very low cytotoxicity makes it an ideal choice for skin whitening. Phytocomplex WHT is the perfect combination of efficacy and safety.

COMPOSITION:

- Arctostaphylos Uva-Ursi
- Ruscus Aculeatus
- Arbutus Unedo
- Capsella Bursa Pastoris
- Glycyrrhiza Glabra,
- Chamomilla Recutita

COSMETIC INTEREST:

Phyto-complex WHT is used as depigmenting, skin brightening and anti-blemish. It can be easily added to creams, gels and sprays and used in combination with others whitening agents.

ACTIVITY:

Depigmenting, Skin brightening and Anti-blemish

INCI NAME:

Arctostaphylos Uva-Ursi Leaf Extract, Ruscus Aculeatus

Root Extract, Arbutus Unedo Leaf Extract, Capsella Bursa Pastoris Extract, Glycyrrhiza Glabra Root Extract, Chamomilla Recutita Flower Extract, Glycerin, Aqua.

INCI NAME (CTFA):

Arctostaphylos Uva-Ursi Leaf Extract, Ruscus Aculeatus Root Extract, Arbutus Unedo Leaf Extract, Capsella Bursa Pastoris Extract, Glycyrrhiza Glabra (Licorice) Extract, Chamomilla Recutita (Matricaria) Flower Extract, Glycerin, Water.

CAS N°: 84776-10-3, 84012-38-4, 84012-12-4, 84082-60-0, 84775-66-6, 84604-19-3, 56-81-5

EINECS N°: 283-934-3, 281-682-9, 281-657-2, 282-006-5, 283-895-2, 283-297-1, 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%)

PHYTO-COMPLEX WHT (Whitening Plant Complex)



SOLUBILITY:

Soluble in water phase

RECOMMENDED USAGE:

Use level: 3-5%

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

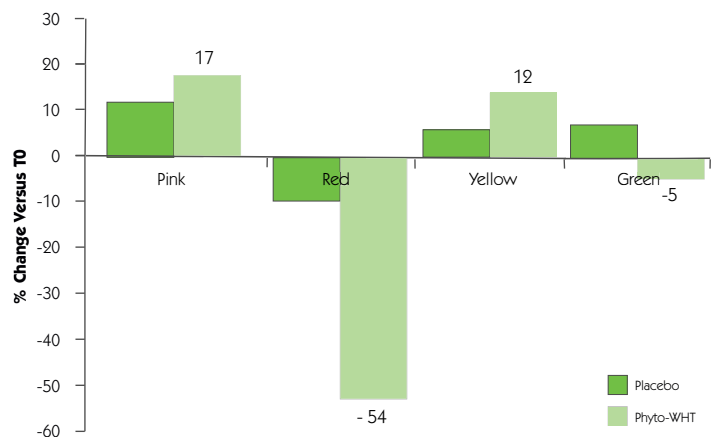
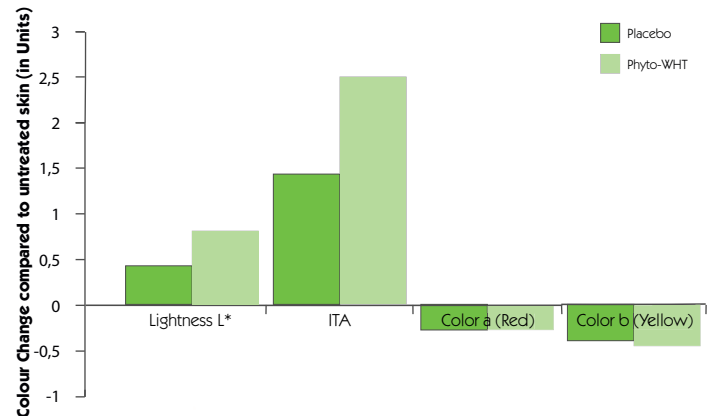
SHELF LIFE:

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

CLAIM SUBSTANTIATION:

IN VIVO: a study on 12 caucasian panelists treated daily with a cream containing 5% Phyto-complex for 8 weeks. Skin whitening is determined by chromametric measurements and macro photographs with image acquisition.

Variation of color parameter on forearm skin after 8 weeks treatment



Experts observed reduction in red and olive parameter to the benefit of pinkish and golden parameter. All these changes are indicators of a reduction in the physiological pigmentation of skin.