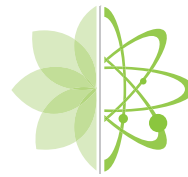




COSMOS
APPROVED



naturalis®
LIFE TECHNOLOGIES



PHYTO-COMPLEX SS

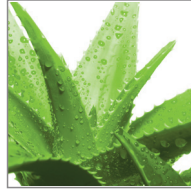
(After Sun Soothing Plant Complex)



Hamamelis Virginiana



Hypericum Perforatum



Aloe Barbadensis



Calendula Officinalis



Helichrysum
Angustifolium



Commiphora Myrrha

DESCRIPTION:

Synergic vegetal complex obtained by ultrasonic waves at low temperature. Phyto-Complex SS is a balanced combination of plant extracts that facilitates the natural process of cell regeneration, reduces redness, moistures and nourishes the skin preventing cracking.

COMPOSITION:

- Hamamelis Virginiana
- Hypericum Perforatum
- Aloe Barbadensis
- Calendula Officinalis
- Helichrysum Angustifolium
- Commiphora Myrrha

COSMETIC INTEREST:

Phyto-Complex SS is used as anti-inflammatory and moisturizing. It can be easily added to any sun care products as creams, gels, lotions and shower gels.

ACTIVITY:

Calming, anti-inflammatory, soothing.

INCI NAME:

Hamamelis Virginiana Leaf Extract, Hypericum Perforatum Extract, Aloe Barbadensis Leaf Extract, Calendula Officinalis Flower Extract, Helichrysum Italicum Flower Extract, Commiphora Myrrha Gum Extract

INCI NAME (CTFA):

Hamamelis Virginiana (Witch Hazel) Leaf Extract, Hypericum Perforatum Extract, Aloe Barbadensis Leaf Extract, Calendula Officinalis Flower Extract, Helichrysum Italicum Flower Extract, Commiphora Myrrha Gum Extract

CAS N°: 84696-19-5, 84082-80-4, 85507-69-3/94349-62-9, 84776-23-8, 90045-56-0, 84929-26-0

EINECS N°: 283-637-9, 282-026-4, 287-390-8/305-181-2, 283-949-5, 289-918-2, 284-510-0

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 SS After Sun Soothing 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

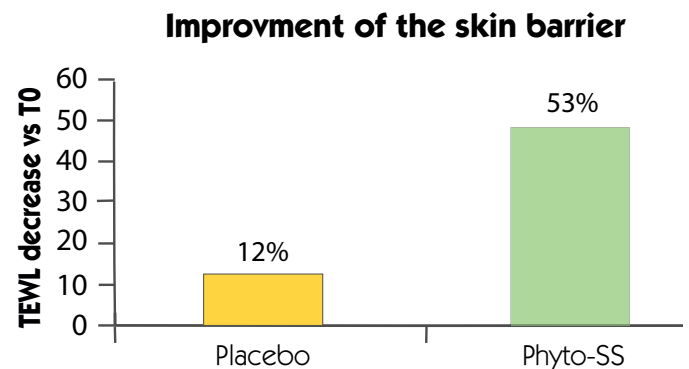
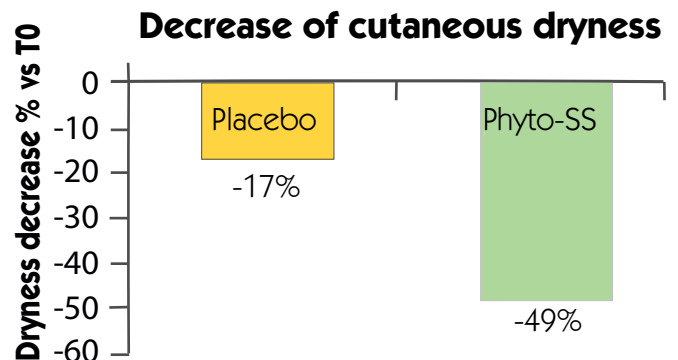
SHELF LIFE:

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

CLAIM SUBSTANTIATION:

IN VIVO: Evaluation of cutaneous dryness

The study was carried out on 12 volunteers divided in two groups and subjected to exposure with solar lamps every day for 2 weeks. The first group was treated with a cream containing 5% of Phyto-Complex SS. The second with same cream without active ingredient as placebo. Skin dryness was evaluated by the SkinLab Combo Moisture Module (conductance measurements in μS) and evaluating the improvement of the skin barrier by measures of the TEW.



IN VIVO: Anti-redness effects of Phyto-complex SS on UVB erythema

The reduction of skin irritation was evaluated using a chromametric measurements.

