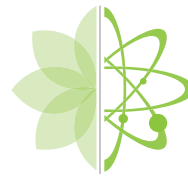




COSMOS  
APPROVED



naturalis®  
LIFE TECHNOLOGIES



# PHYTO-COMPLEX SSN

(Sensitive skin Plant Complex)



Matricaria Recutita



Melissa Officinalis



Malva Sylvestris



Calendula Officinalis



Althaea Officinalis



Olea Europaea

## DESCRIPTION:

Synergic vegetal complex obtained by ultrasonic waves at a low temperature.

Phyto-Complex SSN is a balanced combination of plant complex that reduces skin sensitivity towards climate, chemicals and pollution. Phyto-Complex SSN is an effective solution to combat the typical cutaneous discomfort of the sensitive skin as redness, itching and stinging effect.

## COMPOSITION:

- Matricaria Recutita
- Melissa Officinalis
- Malva Sylvestris
- Calendula Officinalis
- Althaea Officinalis
- Olea Europaea

## COSMETIC INTEREST:

Phyto-Complex SSN provides the skin unique natural active ingredients with soothing, regenerating and protective virtues. It can be easily added to creams, gels, face and body emulsions, soaps, personal care cleansers

## ACTIVITY:

Emollient, anti-inflammatory, soothing, protecting.

## INCI NAME:

Chamomilla Recutita Flower Extract, Melissa Officinalis Leaf Extract, Malva Sylvestris Flower/leaf Extract, Calendula Officinalis Flower Extract, Althaea Officinalis Root Extract, Olea Europaea Leaf Extract Glycerin, Aqua.

## INCI NAME (CTFA):

Hamamelis Virginiana (Witch Hazel) Leaf Extract, Camellia Sinensis Leaf Extract, Mentha Piperita Leaf Extract, Salvia Officinalis (Sage) Leaf Extract, Crataegus Monogyna Leaf Extract, Achillea Millefolium Extract, Lavandula Angustifolia (Lavender) Flower Extract, Glycerin, Water.

**CAS N°:** 84082-60-0, 84082-61-1, 84082-57-5, 84776-23-8, 73049-65-7, 8001-25-0 / 84012-27-1, , 56-81-5

**EINECS N°:** 282-006-5, 282-007-0, 282-003-9, 283-949-5, 277-254-6, 232-277-0, 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 SSN (Sensitive skin 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

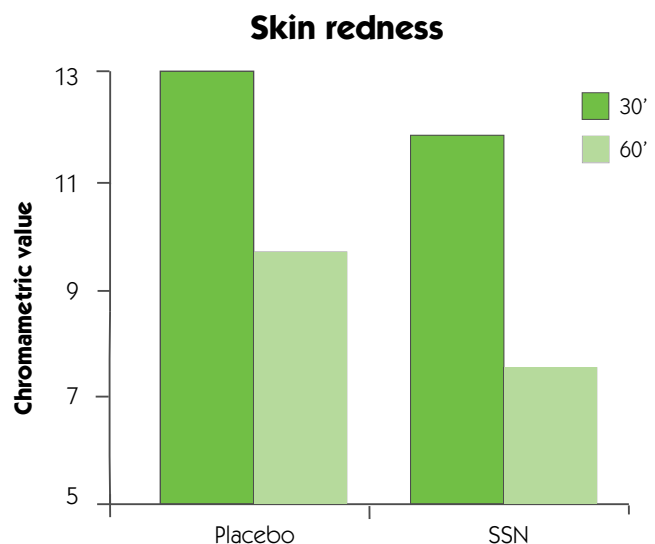
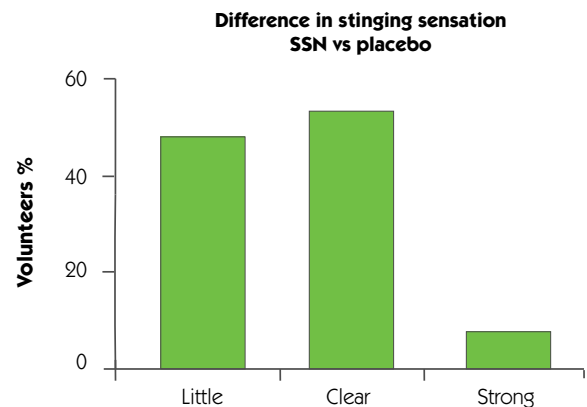
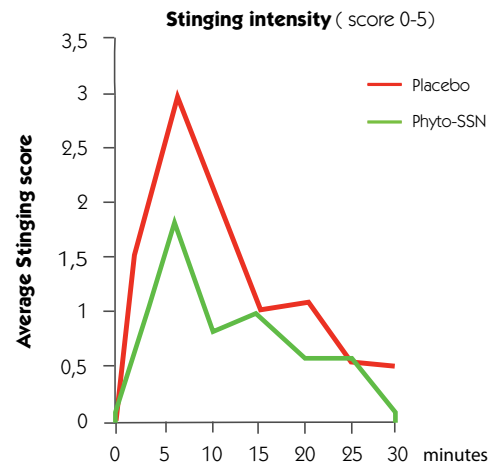
## SHELF LIFE:

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

## CLAIM SUBSTANTIATION:

### IN VIVO: Study of soothing effect

Ten volunteers (females with age ranged 26-54) were treated for ten days with an emulsion containing 4% Phyto-complex SSN on a side of nose and with the same emulsion but without active ingredient on the other side of nose. At the end of treatment all volunteers were treated on both side of nose with a 10% glycolic acid solution (2 min.) and evaluated the intensity of stinging and redness score.



Both stinging (-33%) and redness (-22%) intensity was decreased in the group of volunteers treated with Phyto-SSN