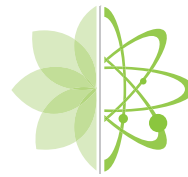




COSMOS
APPROVED



naturalis®
LIFE TECHNOLOGIES



PHYTO-COMPLEX MOS

(Moisturizing Plant Complex)



Calendula Officinalis



Althaea Officinalis



Mel



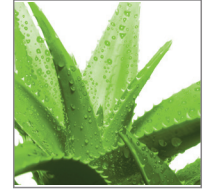
Cucumis Sativus



Tilia Cordata,



Verbascum Thapsus



Aloe Barbadensis

DESCRIPTION:

Synergic vegetal complex obtained by ultrasonic waves at low temperature. Phyto-Complex MOS is a synergic blend of plant extracts in a concentrated form containing natural active molecules able to stimulate moisture in the inner of skin. Phyto-complex MOS offers a proper response to dry skin, providing a long-lasting moisture replenishment.

COMPOSITION:

- Calendula Officinalis
- Althaea Officinalis
- Mel
- Cucumis Sativus
- Tilia Cordata,
- Verbascum Thapsus
- Aloe Barbadensis

COSMETIC INTEREST:

Phyto-complex MOS can be used in any cosmetic products whenever a proven plant-based moisturizing activity is sought. It can be easily added to creams, gels and sprays alone or in combination with Nio-hydran (see Niosome Series).

ACTIVITY:

Moisturizing, Refreshing, Emollient

INCI NAME:

Calendula Officinalis Flower Extract, Althaea Officinalis Root Extract, Mel Extract, Cucumis Sativus Fruit Extract, Tilia Cordata Flower Extract, Verbascum Thapsus Ex-

tract, Aloe Barbadensis Leaf Extract, Glycerin, Aqua.

INCI NAME (CTFA):

Calendula Officinalis Flower Extract, Althaea Officinalis Root Extract, Mel Extract, Cucumis Sativus (Cucumber) Fruit Extract, Tilia Cordata Flower Extract, Verbascum Thapsus Extract, Aloe Barbadensis Leaf Extract, Glycerin, Water.

CAS N°: 84776-23-8, 73049-65-7, 91052-92-5, 89998-01-6, 84929-52-2, 90064-13-4, 85507-69-3/94349-62-9, 56-81-5

EINECS N°: 283-949-5, 277-254-6, 293-255-4, 289-738-4, 284-536-2, 290-074-2, 287-390-8 /305-181-2, 200-289-5

SPECIFICATION:

Density (at 20° C):	1,12 ± 0,010
pH:	6,0 ± 0,5
Dry matter:	2 – 5%
Appearance:	Clear liquid
Colour:	Dark amber
Odour:	Slight
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 MOS (Moisturizing Plant Complex)



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

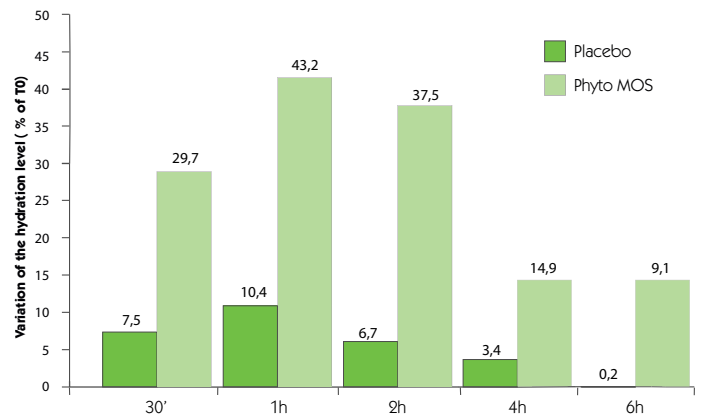
SHELF LIFE:

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

CLAIM SUBSTANTIATION:

IN VIVO Measurements of hydration by corneometry: a study on 12 panelists aged 34-55 each (average 43).
Treatments: 2 applications/daily with a cream contain-

ing 5% Phyto-complex MOS versus placebo (the same cream without Phyto-complex MOS).
Measurements of hydration by corneometry every 30 minutes up to a period of 6 hours.



Experts observed increasing of the levels of hydration at any time. The maximum was observed after an hour +33%

A study involving 10 ladies aged 34-46 each (average 38) treated with a cream containing 5% Phyto-complex MOS on forearm area for a period of 4 weeks showed an increase of skin elasticity almost 9% respect to placebo (1%)..

