

PHYTO-COMPLEX RN

(Nourishing Plant Complex)



Linum Usitatissimum



Olea Europea



Tussilago Farfara



Aloe Barbadensis



Malva Sylvestris



Tilia Cordata Arnica
Montanifolium

DESCRIPTION:

Hair are subjected daily to aggressive factors as strong colouring and styling treatments, UV and pollution, with the result that the cuticle layer is altered, the fiber becomes permeable, weakened and the hair lose their quality becoming dull, frizzy and dry. Phyto-Complex RN is a potent vegetal complex obtained by ultrasonic waves at a low temperature that plays a nutritious and repairing action for dry hair, helping them to recover silkiness.

COMPOSITION:

- Linum Usitatissimum
- Olea Europea
- Tussilago Farfara
- Aloe Barbadensis
- Malva Sylvestris
- Tilia Cordata

COSMETIC INTEREST:

Phyto-Complex RN is used as nourish dry hair. It can be easily added to shampoos, lotions, balms, gels and haircare products.

ACTIVITY:

Nourishing, Softening, Soothing the scalp

INCI NAME:

Linum Usitatissimum Seed Extract, Olea Europea Leaf Extract, Tussilago Farfara Leaf Extract, Aloe Barbadensis Leaf Extract, Malva Sylvestris Flower/Leaf Extract, Tilia Cordata Flower Extract, Glycerin, Aqua.

INCI NAME (CTFA):

Linum Usitatissimum (Linseed) Seed Extract, Olea Europea (Olive) Leaf Extract, Tussilago Farfara (Coltsfoot) Leaf Extract, Aloe Barbadensis Leaf Extract, Malva Sylvestris (Mallow) Flower/leaf Extract, Tilia Cordata Flower Extract, Glycerin, Water.

CAS N°: 8001-26-1, 84012-27-1, 84625-50-3, 85507-69-3, 94349-62-9, 84082-57-5, 84929-52-2,, 56-81-5

EINECS N°: 232-278-6,-232-277-0, 283-420-9, 287-390-8/305-181-2, 282-003-9, 284-536-2 , 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

RECOMMENDED USAGE:

Use level: 3-5%

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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:

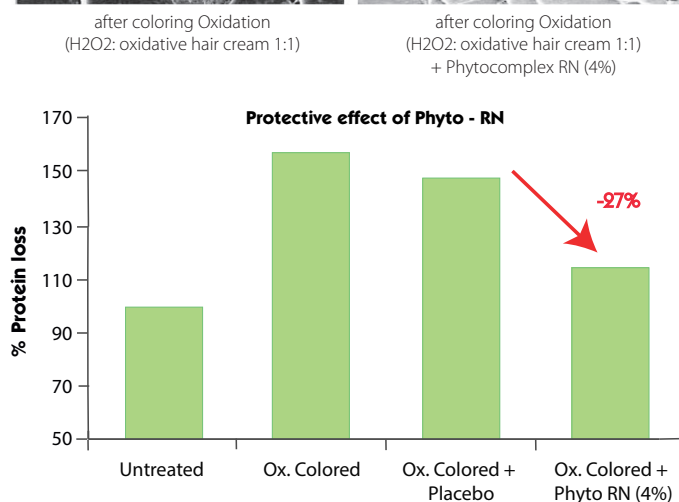
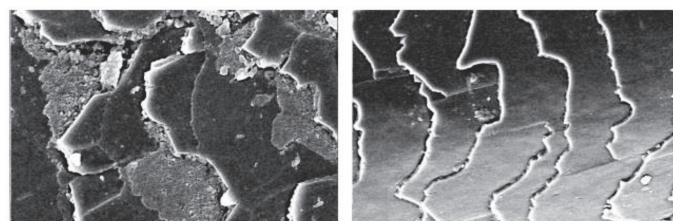
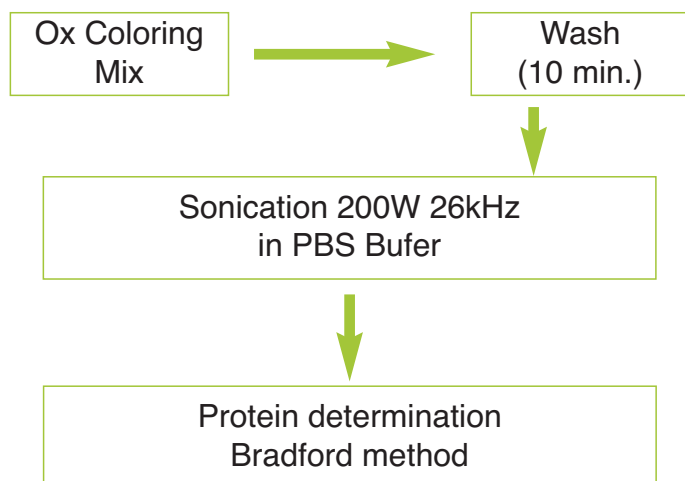
10 kg Plastic drum

SHELF LIFE:

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

CLAIM SUBSTANTIATION:

Hair tresses, 15 cm long obtained from International Hair Importer, Inc were treated with a mix containing a blend of hair coloring/H₂O₂ developer emulsion (ratio 1:1) and Phyto-RN (4%) or following the below reported experimental procedure:



EXPERIMENTAL PROCEDURE

SENSORY EVALUATION

Expert panel composed of 20 people evaluated and assessed sensorial properties of hair after coloring with an oxidative hair color containing 4% of Phytocomplex RN vs. Placebo

