

HAIR CARE


AMISOL TRIO™

SKIN BARRIER AND HAIR
CONDITIONER





Key points

- 
- Phospholipid complex
 - Skin barrier protection
 - Hair conditioner

INCI name


Phospholipids (and) Glycine Soja (Soybean) Oil (and) Glycolipids (and) Glycine Soja (Soybean) Sterols

Phospholipids complex

- Essential bio-lipids: phospholipids, glycolipids, phytosterols, vitamin F (linoleic acid) → Super-fatting properties
- Film-former: **Amisol Trio™** adheres to the surface of the hair and skin and leaves a pleasant and soft feeling
- Opacifier: allows the formulation of creamy foaming products
- Skin-friendly / Eco-friendly



Amisol Trio™ for skin care

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- Bio-lipids protect or restore skin barrier function damaged by surfactant/detergent preparations
 - Pleasant rich and non greasy skin feel, even after rinsing



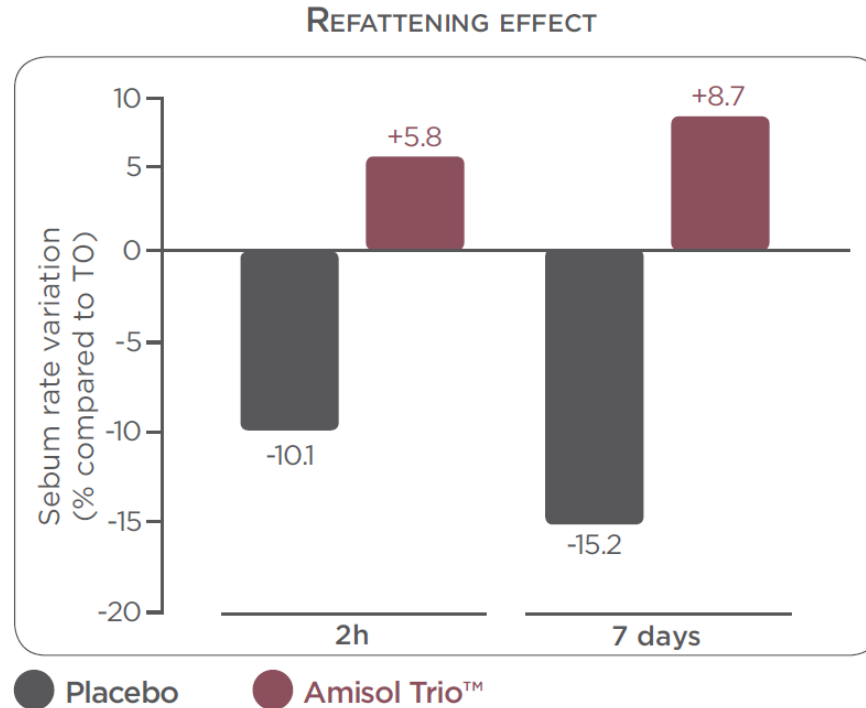
Skin protection



Protocol

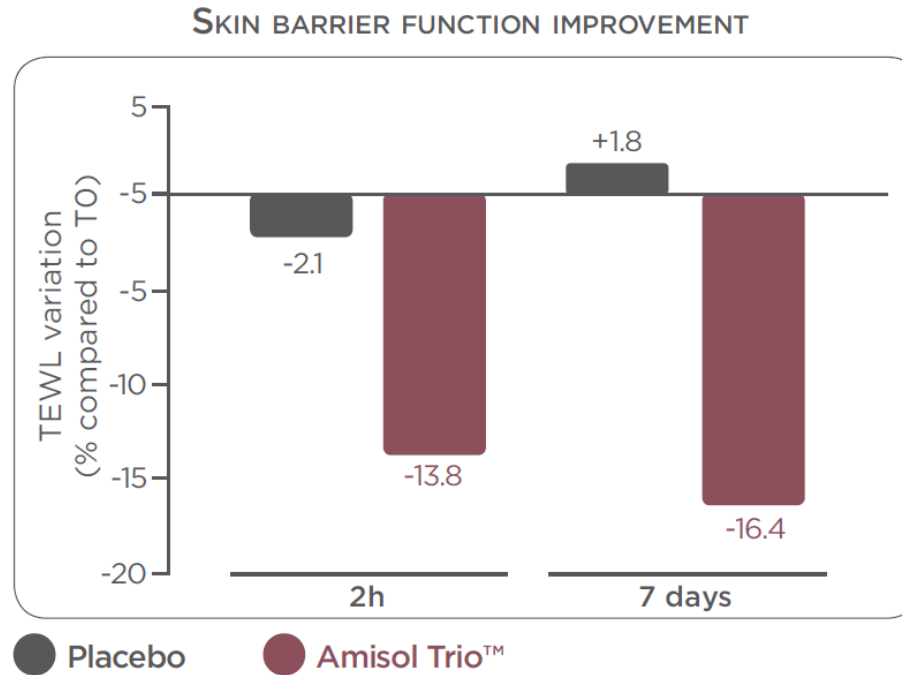
- 20 volunteers
- Cleansing formulation with 2% **Amisol Trio™**
- Measurement on the face of the TEWL and skin sebum 2 hours after application and 7 days after a bidaily use
- Self-assessment

Skin protection




With the placebo, too much sebum is removed and skin feels tight and uncomfortable. Amisol Trio™ respects skin balance by preserving sebum level.

Skin protection



Whereas the placebo doesn't have any significant impact, the cleansing formulation with Amisol Trio™ reinforces the cutaneous barrier function and decreases TEWL, leading to an anti-dehydrating effect.

Self-assessment



	Amisol Trio™	Placebo
• The skin is comfortable	100%	30%
• The skin doesn't feel tight	90%	15%
• The skin is not dry	95%	35%
• The skin is moisturized	95%	10%
• The skin is soft	90%	10%



Hair conditioning effect



Protocol

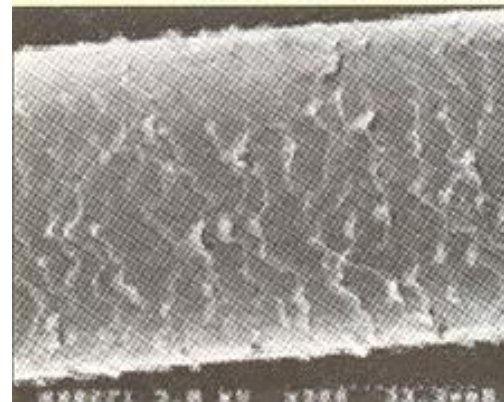
- 10 volunteers who previously washed their hair with a classical shampoo
- 2 conditioners (treatment and placebo) tested at the same time on half head
- Hair was rinsed off and dried naturally

Hair conditioning effect

- Cuticles scales are less visible and the hair is repaired from root to end
- Split-ends disappear and fly-away hair is reduced



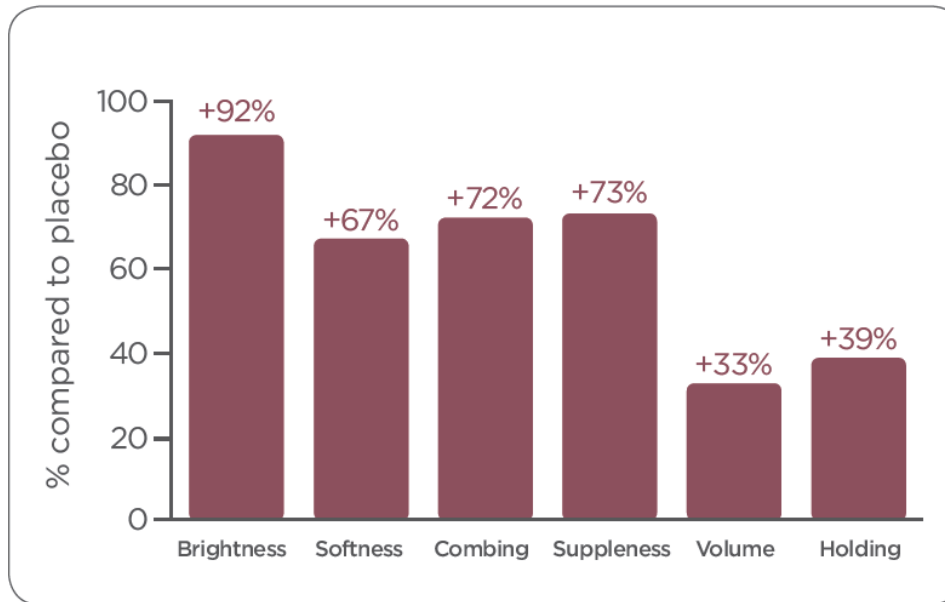
Before treatment



After treatment

Hair conditioning effect






IMPROVEMENT OF HAIR ASPECT



Hair aspect and sensorial items are improved.



Scalp hydration and soothing

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- Over washing and over brushing → scalp irritation and sebum drying out
 - Anti-irritating properties of phospholipids leads to soothing of scalp itching
 - Reinforcement of skin barrier function nourishes and moisturizes scalp skin
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Tolerance studies

- Skin Irritation (single patch test) (pure product)
- Eye Irritation (agarose gel) (pure product)
- Very low UV-light absorbance (290 - 400 nm) - No risk of phototoxicity

Ecotoxicity study

- Biodegradability

Excellent Safety Profile



Product information



INCI name

Phospholipids (and) Glycine Soja (Soybean) Oil (and) Glycolipids (and) Glycine Soja (Soybean) Sterols



Appearance

Amber liquid



Recommended dosage

0.5 -1.5%

Product information

Formulation

Disperse in water under strong stirring

Optimum pH

5 - 8

Applications

- Shampoo
- After-shampoo
- Hair mask
- Leave-on hair serum/balm
- Shower gel
- Skin care
- Cleansing products



Features and Benefits

FEATURES	BENEFITS
Biolipid complex	High affinity with skin and hair
Skin clinical study	Renourished, comfortable and moisturized soft skin
Hair clinical study	Bright, soft and easy-to-comb hair

Repair Hair Balm 9.188.01 C84

INGREDIENT	INCI NAME	%
A Deionised water Amisol Trio™ Dermosoft™ LP*	Water Phospholipids (and) Glycine soja (soybean) oil (and) Glycolipids (and) Glycine soja (soybean) sterols Caprylyl glycol (and) Glyceryl caprylate (and) Glycerin (and) Phenylpropanol (and) Water	80.10 2.00 1.00
B Heliogel™ DC 345 KSG 15 Dermodfeel™ Toco 70 non GMO*	Sodium acrylates copolymer (and) Hydrogenated polyisobutene (and) Phospholipids (and) Polyglyceryl-10 stearate (and) Helianthus annuus (sunflower) seed oil Cyclopentasiloxane (and) Cyclohexasiloxane Cyclopentasiloxane (and) Dimethicone/vinyl dimethicone crosspolymer Tocopherol (and) Helianthus annuus (sunflower) seed oil	3.00 8.00 2.00 0.20
C Amande 3622 Dermodfeel™ G10LW* Dermodfeel™ P-30*	Fragrance Polyglyceryl-10 laurate (and) Water PCA glyceryl oleate	0.10 0.60 0.50
D Amylomer™ H-Ni*	Sodium hydroxypropyl oxidized starch succinate	2.50



THANK YOU!