

ACTIVE
INGREDIENTS

AMISOL TRIO™

THE NATURAL HAIR CONDITIONER AND SKIN PROTECTOR

Natural biolipid complex

-

Refattening of the skin barrier

-

Improvement in hair aspect



AMISOL TRIO™ IS A LIPIDIC COMPLEX FOR FOAMING FORMULATIONS. ITS FILM-FORMING PROPERTIES IMPROVE OVERALL HAIR ASPECT AND PROTECT SKIN AGAINST REPEATED WASHING.

MEMBRANE BIOLIPID COMPLEX

Extracted from soybean, Amisol Trio™ is composed of essential biolipids present in each cell membrane such as phospholipids, glycolipids, phytosterols and vitamin F (linoleic acid). It provides super-fattening properties, offers protection and improves moisture balance of the hair and the skin.

- **Film-former**

Thanks to the bioaffinity between its biolipids and cell membranes, Amisol Trio™ adheres to the surface of the hair and skin and leaves a pleasant and soft feeling, particularly non-tacky and non-greasy characterized by the “phospholipid touch”. Water is therefore retained in hair fiber or epidermis, increasing hydration.

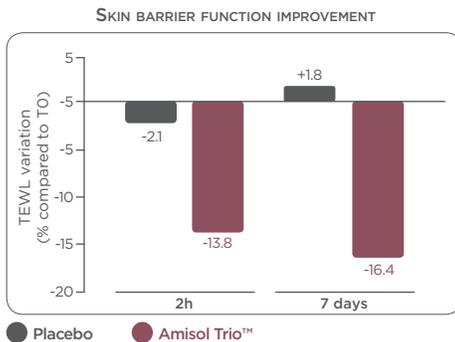
- **Opacifier**

The opacifying properties of Amisol Trio™ allow the formulation of creamy foaming products.

- **Eco-friendly**

With an excellent skin and hair tolerance, Amisol Trio™ is an ideal ingredient for sensitive and delicate skin/hair care. It is also biodegradable, environmentally-friendly and obtained using renewable resources.

REFATTENING AGENT FOR SKIN CARE



At the surface of the skin, sebum combined with sweat forms a hydrolipidic film which acts as a protective barrier against dehydration. Repeated washing with hard water and aggressive soap induces a lack of sebum which makes skin dehydrated and uncomfortable.

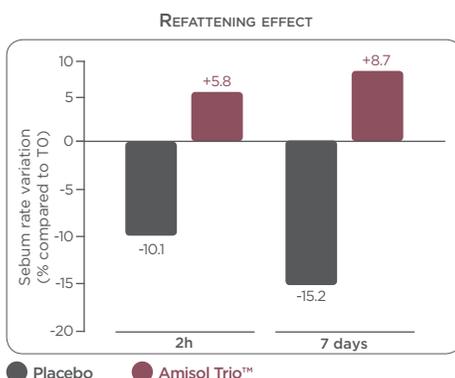
Thanks to its specific composition, Amisol Trio™ is able to counteract the drying effect of water and detergents by reinforcing or re-creating the protective film.

The anti-drying effect of Amisol Trio™ was evaluated by measuring the preservation of barrier function (TEWL) and of lipid rate (sebumeter) in a face cleansing formulation containing 2% Amisol Trio™, used twice a day during one week by 20 volunteers.

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.

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

Amisol Trio™ preserves skin hydration and lipid equilibrium.



Self-assessment

After the week of treatment, volunteers agreed with the following statements:

	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%

Used in skin toiletries, Amisol Trio™ gently cleanses with a preventive and protective action. Thanks to its refatting properties, it rebalances skin and provides comfort and well-being with an immediate and long-term effect.

CONDITIONING AGENT FOR HAIR AND SCALP

The cuticle is the outermost layer of hair and acts as a protective coating against mechanical or chemical aggressions. Healthy hair possesses an intact cuticle with closely overlapping scales whereas damaged hair has open and rough scales inducing dull and porous fibers. Cuticle structure is also responsible for the general hair aspect: brightness, softness and suppleness.

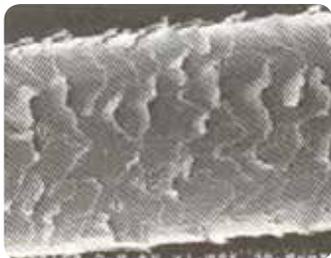
Thanks to its film-forming properties, Amisol Trio™ covers and smoothes cuticle scales to preserve or improve hair beauty.

The conditioning action of Amisol Trio™ was measured versus a placebo.

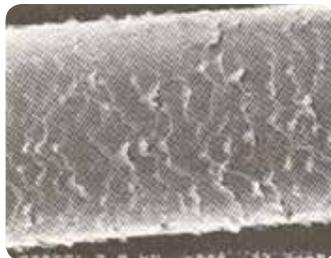
Each conditioner was applied during 5 minutes on a half head of 10 volunteers who previously washed their hair with a classic shampoo. Afterwards, the hair was rinsed off and dried naturally.

• Smoothing action

Amisol Trio™ smoothes down the hair fiber. Cuticle scales are less visible and the hair is repaired from root to end. Split-ends disappear and fly-away hair is reduced.



Hair without treatment



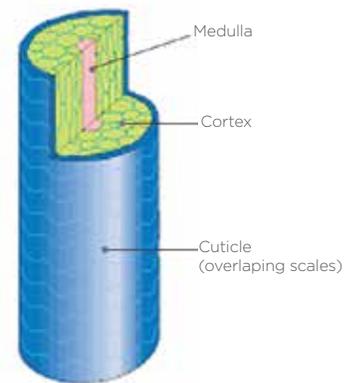
Hair treated with Amisol Trio™

• Hair aspect enhancer

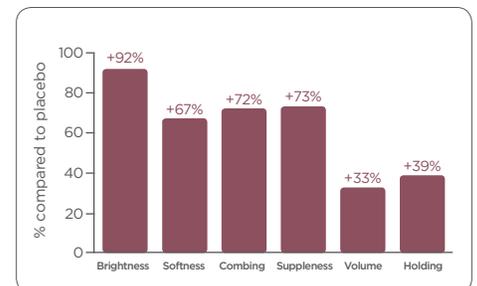
Hair aspect and sensorial properties are dramatically enhanced after the treatment with Amisol Trio™.

• Scalp hydration and soothing

Over washing and over brushing can irritate the scalp and dry out the sebum that keeps hair and scalp soft and moisturized. Due to the well-known anti-irritating properties of phospholipids, Amisol Trio™ soothes scalp itching. It is also able to nourish and moisturize the scalp skin by reinforcing skin barrier function.



IMPROVEMENT OF HAIR ASPECT



Tested formula: Amisol Trio™ (3%), PVP (4%), preservative (0.2%), water (up to 100%).

AMISOL TRIO™ KEEPS SKIN MOISTURIZED AND COMFORTABLE AND MAKES THE HAIR RADIANT AND HEALTHY.

PRODUCT DESCRIPTION

INCI NAME

Phospholipids (and) Glycine soja (soybean) oil (and) Glycolipids (and) Glycine soja (soybean) sterols

ECOCERT / COSMOS STATUS

Registered

APPEARANCE

Amber liquid

FORMULATION

- Below 0.5%: use as an oily component
- Above 0.5%: hydrate for 20 minutes at 65°C

OPTIMUM pH

5-8

DOSAGE

Toiletries: 0.5-1.0%
Skin care: 0.5-4.0%

APPLICATIONS

- Cleansing product
- Shampoo
- After-shampoo
- Hair mask
- Shower gel
- Skin care

CHINA-COMPLIANT

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

INGREDIENTS	INCI NAMES	%
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 Dermofeel™ 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 Dermofeel™ G10LW* Dermofeel™ 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

pH: 5.5 - 6.0 - Viscosity (Rheo ELV 8, Spindle 4, 6 rpm, 3 mn): 15 000 - 20 000 mPa.s

* Distributed in France by Lucas Meyer Cosmetics.

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