

PRODUCTS ENG



Chemir

A SURFACHEM COMPANY

**SKIN CARE - SUN CARE - HAIR CARE
BODY CARE - OTHER PRODUCTS
VEGETABLE OILS - EMULSIFIERS
ESSENTIAL OILS**










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**Your Vision, Our Commitment
Creating Together**



COSMETIC PARTNERS

 SKIN Care	 SUN Care	 Essential OILS
 BODY Care	 HAIR Care	 OTHER products
 EMULSIFIERS	 Vegetable OILS	 Extracts & Hydrolates

EMULSIFIERS



CETACHEM®

NEOFIN® 515

NEODERM O/W

NEOFIN® NAT

NEOFIN® NAT VEGAN

NEOFIN® HAIR

NEOFIN® W/O



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BIOACTIVES

CETACHEM®

Stability. Dry touch effect

Acetylated glycol stearate

NEODERM® O/W

Brightness and texture

Ceteth-25
Behenyl alcohol
Cetyl alcohol
PEG-9

NEOFIN® W/O

Versatility and softness

Glyceryl oleate
Caprylic/Capric Triglyceride
Polyglyceryl-3 polyricinoleate

NEOFIN® 515

The best help for the formulator

C12-20 Acid PEG-8 Ester

NEOFIN® NAT

Naturalness in the skin

Polyglyceryl-3 Stearate
Caprylic / Capric Triglyceride
Butyrospermum Parkii Butter
Beeswax

NEOFIN® NAT VEGAN

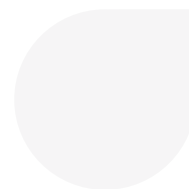
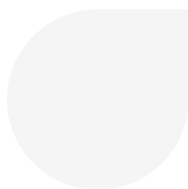
The natural alternative

Polyglyceryl-3 Stearate
Candelilla Wax
Mango Butter
Sodium Stearoyl Lactylate
Caprylic/Capric Triglyceride

NEOFIN® HAIR

Softness and moisturization
for your hair

Alkylmethrachylammonium chloride
Vitamins A,C,D,E and B
Trace elements Fe, K, Ca, Mg
Phytosterols
Essential fatty acids
Squalene Polyphenols



PROPERTIES

APPLICATIONS

Coemulsifier, to give homogeneity with high stability without changing the original viscosity. Contributes to a skin conditioning and refining effect with good skin tolerance and “dry touch” effect.

Sticks
Shampoo
Hair conditioner
Body milk

Non-ionic self-emulsifying excipient especially suitable for O/W emulsions. It is a good wetting agent and hardly alters the skin barrier function.

Rich creams
Body milk
Body cream

Natural nonionic emulsifier that forms stable W/O emulsions.

Make-up
Sun Protector
Hand cream
Eye Contour

It is an emulsifier characterized by its high absorption capacity with great stability against various active ingredients.

Facial cream
Body cream
Body milk

It is a mixture of PEG-free fatty alcohols, waxes of natural origin and emulsifiers with non-ionic and anionic character, easily incorporated into all types of emulsions. It has a very high rate of natural origin.

Facial serum
Hand natural cream
Nourishing cream

O/W natural emulsifier, composed of a blend of fatty alcohols, medium chain triglycerides, coconut oil derivatives, mango butter and candelilla wax. It presents a high index of naturalness.

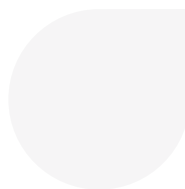
Hand vegan natural cream
Facial vegan cream
Body milk

Multifunctional emulsifier with conditioning properties. Contains plant butters and oils. It can be used in hair and skin formulations

Hair mask
Nourishing conditioner
Detangling cream
Hair straightener



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CETACHEM®

EMULSIFIERS

Stability. Dry touch effect

DESCRIPTION

CETACHEM® is an ethoxylated glycol stearate (2-acetox-ethyl stearate) of plant/synthetic origin. It is a co-emulsifier, which results in homogeneous emulsions with high stability without changing the original viscosity.

Contributes to a skin conditioning and refining effect with good skin tolerance and “dry touch” effect.

The most important characteristic of this emulsifier is its “dry feel effect”, reducing the oily sensation of the oil.

PROPERTIES

- Strong emollient action.
- Provides a delicate non-greasy effect.
- Provides plasticity to creams and sticks.
- Homogenizes the structure of creams and sticks.
- Provides high stability to emulsions against sudden temperature changes during storage.
- Gives an optimal vehicle for the active ingredients through the skin.
- Provides conditioning effect. It can be used after shampooing the hair.
- In shampoos, it helps to create rich and creamy foams with small bubbles.
- Helps to have an even distribution of actives, particles, pigments and insoluble components.

INGREDIENTS



Acetylated Glycol Stearate

APPLICATIONS

It can be incorporated into O/W emulsions, W/O emulsions, hydrogels, oleogels, shampoos, hair conditioners and lipsticks. Ideal for facial creams, body milk and nourishing shampoos.

NEODERM® O/W

EMULSIFIERS

Brightness and texture

DESCRIPTION

NEODERM O/W is a non-ionic self-emulsifying excipient especially suitable for O/W emulsions. It is a good wetting agent and hardly alters the skin barrier function.

The emulsions formed with **NEODERM O/W** are compatible with all kinds of water-soluble and liposoluble active ingredients, as well as with other anionic and cationic emulsifiers.

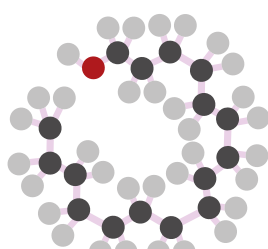
This emulsifier forms stable emulsions with a shiny appearance, fine and pleasant texture, being dermoaffin, even on sensitive skin.



PROPERTIES

- Produces emulsions of high stability and skin tolerance.
- Produces emulsions compatible with all types of active ingredients.
- Good moisturizing agent.
- It produces emulsions with a bright appearance and a fine and pleasant texture.
- Produces emulsions without tacking effect.

INGREDIENTS



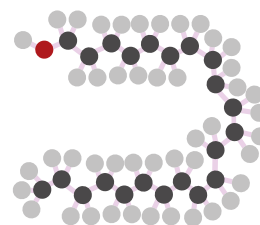
Cetyl Alcohol



Ceteth-25



PEG-9



Behenyl Alcohol

APPLICATIONS

Ideal as an emulsifier in rich creams and as an emulsifier in body milk formulations for dry skin.

NEOFIN® W/O

EMULSIFIERS

Versatilidad y suavidad

DESCRIPTION

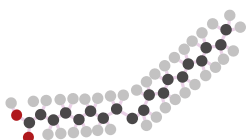
NEOFIN W/O is a natural, non-ionic emulsifier that forms stable W/O emulsions.

The versatility of **NEOFIN W/O** allows you to work both hot and cold, providing in both cases a dry and velvety touch in the final products.

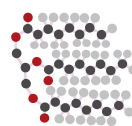
PROPERTIES

- Excellent skin affinity.
- Smooth sensation.
- No sticky or oily feel in the emulsion.
- Provides stability to formulas.
- Fast absorption and extensibility.
- Bright and fine-textured emulsions.

INGREDIENTS



Glycerol Oleate



Caprylic / Capric Triglyceride



Polyglyceryl-3 Polyricinoleate

APPLICATIONS

Perfect emulsifier for facial creams, sun protection, eye contour and make-up, among others.

NEOFIN® 515

La mejor ayuda para el formulador

DESCRIPTION

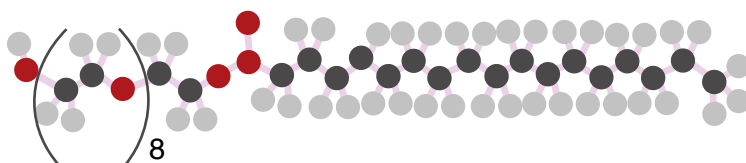
NEOFIN® 515 is an emulsifier characterized by its high absorption capacity. It is a great help for formulators of cosmetic and galenic products due to its great stability against the different active ingredients.

It is a polyethylene glycol ester of saturated fatty acids of C12-C20 chains, with an average of 8 moles of ethylene oxide. It provides white, evanescent emulsions, high extensibility and very well vehiculates the active ingredients of the emulsion.

PROPERTIES

- Excellent vehiculation of the active ingredients of the emulsion.
- It does not provide greasy touch to the emulsions.
- Very good dermocompatibility.
- Provides excellent skin absorption of emulsions.
- White emulsions.

INGREDIENTS



C12-20 Acid PEG-8 Ester.

APPLICATIONS

NEOFIN®-515 is of great help to the formulator as it allows to easily obtain cosmetic emulsions (creams and milks) with a wide variability of formats and viscosities.



NEOFIN® NAT

EMULSIFIERS

Naturalness in the skin

DESCRIPTION

NEOFIN® NAT is a natural O/W emulsifier composed of a mixture of fatty alcohols, medium chain triglycerides, coconut oil derivatives, beeswax and shea butter, which gives it moisturizing, nourishing, repairing and regenerative properties.

PEG-free emulsifier for easy incorporation into all types of emulsions. It has a very high rate of natural origin.



PROPERTIES

- Good skin affinity.
- Bright and fine-textured emulsions.
- No sticky or oily feel in the emulsion.
- Moisturizing, protective and regenerating properties.
- Helps to combat photoaging of skin and hair.
- Gives good stability to emulsions even at low concentrations.

INGREDIENTS



Polyglyceryl-3 Stearate



Caprylic / Capric Triglyceride



Sodium Stearoyl Lactylate



Butyrospermum
Parkii Butter



Beeswax



APPLICATIONS

Ideal as an emulsifier for rich creams. High natural origin index and PEG free.

NEOFIN® NAT VEGAN

EMULSIFIERS

DESCRIPTION

NEOFIN® NAT VEGAN is a natural O/W emulsifier, composed of a blend of fatty alcohols, medium chain triglycerides, coconut oil derivatives, mango butter and candelilla wax.

It has moisturizing, nourishing, repairing and regenerating properties and helps to combat photoaging of the skin and hair. It presents a high index of naturalness.



PROPERTIES

- Good skin affinity.
- It can be added to “natural” formulations.
- No sticky or oily feel in the emulsion.
- Moisturizing, protective and regenerating properties.
- Helps to combat photoaging of skin and hair.
- It gives good stability to emulsions even at low use concentrations.
- Bright and fine-textured emulsions.

INGREDIENTS



Polyglyceryl-3 Stearate



Candelilla Wax



Mango Butter



Sodium Stearoyl Lactylate



Caprylic / Capric Triglyceride



APPLICATIONS

Ideal as an emulsifier for rich creams. Very high rate of natural origin.

NEOFIN® HAIR

EMULSIFIERS

Softness and moisturization for your hair

DESCRIPTION

NEOFIN® HAIR is a multifunctional conditioner with plant butters and oils. It can be used in hair and skin formulations.

In hair applications it provides excellent wet combability, reducing static and perfect conditioning without build-up effect. In skin care products, it provides hydration and a pleasant softness.

PROPERTIES

- Substantiality with skin and hair.
- Facilitates hair detangling and wet combing.
- Reduces frizz.
- Provides softness and is non-irritating.
- Use in a wide pH range, allows to formulate in values between 1.5 - 10.
- Good skin compatibility.

INGREDIENTS



Alkyltrimethylammonium
chloride



Vitamins
A,C,D,E y B



Trace Elements
Fe, K, Ca, Mg



Phytosterols



Essential fatty acids



Squalene



Polyphenols


















APPLICATIONS

NEOFIN® HAIR can be used in the formulation of leave-in conditioners, detangling creams, hair dyes, creams, body milks and hair straighteners. Ideal for regenerative masks and intensive treatments.

HAND CREAM

EMULSIFIERS

Indicative formula

PHASE	Product	Manufacturer	Function	%w/w
A	DEIONISED WATER	-	SOLVENT	Csp. 100
	GLYCERIN	-	HUMECTANT	4.00
B	NEOFIN® W/O	 Chemir	EMULSIFIER	8.00
	BEESWAX	 Chemir	CONSISTENCY AGENT	3.00
	CETYL ALCOHOL	 Chemir	CONSISTENCY AGENT	2.00
	EMAROL 3391	 Chemir	EMOLLIENT	3.00
	SHEA BUTTER	 Chemir	EMOLLIENT	1.00
	EPIDERMINA®	 Chemir	ACTIVE	3.00
	ALMOND OIL	 Chemir	EMOLLIENT	0.50
	ROSEHIP OIL	 Chemir	EMOLLIENT	0.50
	ARGAN OIL	 Chemir	EMOLLIENT	1.00
C	DEIONISED WATER	-	SOLVENT	10.00
	UREA	 Chemir	ACTIVE	1.00
	HIDRAMINA®	 Chemir	ACTIVE	1.00
D	ALOE VERA GEL	 Chemir	ACTIVE	2.00
	HYALURONIC ACID	 Chemir	ACTIVE	2.00
	PHYTOMARINE AEGIS	 Chemir	ACTIVE	3.00
E	PERFUME	 Chemir	FRAGRANCE	0.3
	VITAMIN F	 Chemir	ACTIVE	1.00
	VITAMIN E ACETATE	 Chemir	ANTIOXIDANT	0.20












Formulation process:

1. Weigh the components of Phase A and heat to 70-75°C.
2. Weigh the components of Phase B and heat to 70-75°C.
3. Introduce Phase A slowly over Phase B with continuous stirring.
4. Prepare Phase C and add to the mixture when it is <45°C.
5. Prepare Phase D and add under stirring.
6. Add Phase E and stir for 15 minutes until completely homogenization.

POST-SUN BALM IN SPRAY

EMULSIFIERS

Indicative formula

PHASE	Product	Manufacturer	Function	%w/w
A	NEOFIN® W/O	 Chemir <small>A Solutia Company</small>	EMULSIFIER	3.00
	EMAROL 3391	 Chemir <small>A Solutia Company</small>	EMOLLIENT	17.20
	MYSTIC OIL	-	EMOLLIENT	2.50
	EMAROL V	 Chemir <small>A Solutia Company</small>	EMOLLIENT	2.50
	PROSUN® N	 Chemir <small>A Solutia Company</small>	SUNSCREEN AGENT	2.50
	VITAMIN E ACETATE	 Chemir <small>A Solutia Company</small>	ANTIOXIDANT	0.05
	PROPOLIS OILY EXTRACT	 Chemir <small>A Solutia Company</small>	ACTIVE	0.25
	PARFUM	 Chemir <small>A Solutia Company</small>	PARFUM	0.50
B	DEIONISED WATER	-	SOLVENT	Csp. 100
	HYALURONIC ACID	 Chemir <small>A Solutia Company</small>	ACTIVE	2.00
	ALOE VERA GEL	 Chemir <small>A Solutia Company</small>	ACTIVE	2.00
	CONSERVANTE NATURAL CH	 Chemir <small>A Solutia Company</small>	PRESERVATIVE	1.00
	ESPESANTE CH	 Chemir <small>A Solutia Company</small>	THICKENER	0.50








Formulation process:

1. Prepare Phase A and heat to 70-75°.
2. Prepare Phase B and heat to 70-75°.
3. Add Phase A over Phase B under stirring.
4. Stir for 30 minutes.

CREAM WITH ROSE WATER

EMULSIFIERS

Indicative formula

PHASE	Product	Manufacturer	Function	%w/w
A	ROSE WATER	 Chemir <small>LABORATORIOS</small>	SOLVENT	Csp. 100
	ALOE VERA GEL	 Chemir <small>LABORATORIOS</small>	ACTIVE	8.00
B	ACEITE DE SEMILLA DE UVA	 Chemir <small>LABORATORIOS</small>	ACTIVE	20.00
	ACEITE DE ARNICA	 Chemir <small>LABORATORIOS</small>	ACTIVE	8.00
	CERA DE ABEJAS	 Chemir <small>LABORATORIOS</small>	CONSISTENCY AGENT	4.00
	NEOFIN® W/O	 Chemir <small>LABORATORIOS</small>	EMULSIFIER	8.00
C	ACEITE ESENCIAL DE GERANIO	 Chemir <small>LABORATORIOS</small>	ACTIVE	0.10
	ACETATO DE VITAMINA E	 Chemir <small>LABORATORIOS</small>	ANTIOXIDANT	0.10

Formulation process:

1. Prepare and heat Phase A to 70-75°C.
2. Prepare and heat Phase B to 70-75°C.
3. Add Phase A over Phase B slowly and under stirring.
4. After 10 minutes, start cooling, maintaining the stirring.
5. At 35°C add Phase C.
6. Maintain stirring up to 30°C and total homogenization.



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