



Prolabin & Tefarm

Polymer Additives, Cosmetic Ingredients, Catalysts

COSMETIC & Health care



Catalogue



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From the cutting-edge pharmaceutical technology
new active ingredients based on
biocompatible lamellar clays

PROLABIN & TEFARM provides a formulating laboratory and with its thirty-year experience in research and development meets the innovation needs of cosmetic and health care companies. It produces, develops and markets innovative raw materials based on lamellar clays or hydrotalcites.

What is Hydrotalcite?

Hydrotalcites are microfine, sliding, easily mixable powders that can be incorporated into any type of formulation.

They are excellent systems to intercalate/encapsulate active ingredients of cosmetic interest improving the quality, the effectiveness and the safety of topical formulations.

The special chemical structure is the key element of **the innovative encapsulation technology**, which improves the formulation and the application of the active ingredients.

Advantages of intercalation:

- ❖ Improvement of the stability and efficacy of the active (thermal, photochemical and oxidation)
- ❖ Optimal local bioavailability of the active
- ❖ Controlled modulation of the release

Advantages in formulation:

The main advantages of the intercalation technology are:

- » Dispersibility both in aqueous and oily phases (o/w and w/o emulsions)
- » Improvement of the rheological characteristics favoring sliding (processability, extrudability, spreadability)
- » Better workability
- » Masking of the possible bad smell of the active



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MOLECULAR ACTIVES

Active ingredients encapsulated/intercalated in lamellar clays by means of a patented technology especially developed for molecules that are not very stable and/or poorly soluble.

PRODUCT	BENEFITS	INCI
ALGAECLAY®	Algae extract is rich in nutrients and it is ideal for the healthy skin.	Aluminum Zinc Carbonate Hydroxide and Oleic Acid and Algae extract (cod. AC-200)
REVIFAST®	Resveratrol extract from <i>Polygonum Cuspidatum</i> . Strong antioxidant that helps to fight the signs of ageing.	Magnesium Hydroxide/Resveratrol (cod. HC-100)
CREAFAST®	Creatine helps to revitalize cell energy metabolism.	Magnesium Hydroxide/Creatine (cod. HC-101)
AZELEASE	Azelaic Acid helps to restore the skin balance for a long time	Aluminum/Magnesium Azelate Hydroxide (cod. MA-100) Aluminum Zinc Carbonate Hydroxide and Azelaic Acid (cod. ZA-200)
SALICYLIKE	Salicylic Acid acts as a skin conditioning agent. Long lasting effect.	Magnesium/Aluminum/Hydroxide/Carbonate and Salicylic Acid (cod. MA-103) Aluminum Zinc Carbonate Hydroxide and Salicylic Acid (cod. ZA-103)
GLYCYRRATE	Glycyrrhetic Acid acts as a skin conditioning agent.	Magnesium/Aluminum/Hydroxide/Carbonate and Glycyrrhetic Acid (cod. MA-104) Aluminum Zinc Carbonate Hydroxide and Glycyrrhetic Acid (cod. ZA-104)
LIPONICE	Thioctic Acid has the ability to scavenge free-radicals. It helps to fight the signs of ageing.	Magnesium/Aluminum/Hydroxide/Carbonate and Thioctic Acid (cod. MA-105) Aluminum Zinc Carbonate Hydroxide and Thioctic Acid (cod. ZA-105)
SILVER ASSET®	Silver ions for cleansing dermo-cosmetic care	Zirconium Bis(Hydrogen Phosphate) and Silver (cod. PL-02)





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KENDWA –RHEOLOGICAL & TEXTURIZING AGENTS

Clays able to modulate and improve the texture of the formulation, giving a thixotropic pseudoplastic behaviour.

PRODUCT	BENEFITS	INCI
HYDROTALCITE	Texturizing inorganic clay. It has a talc-like effect	<i>Magnesium/Aluminum/Hydroxide/Carbonate (cod. KW-100)</i>
		<i>Aluminum Zinc Carbonate Hydroxide (cod. KW-200)</i>
RHEOFEEL®	It improves the skin feel and it reduces the greasiness of the cosmetic formula. It is an oil texturizing	<i>Magnesium/Aluminum/Hydroxide/Carbonate and Oleic Acid (cod. KW-101)</i>
		<i>Aluminum Zinc Carbonate Hydroxide and Oleic Acid (cod. KW-201)</i>
REOCLAY	It improves the skin feel of the cosmetic formula. It is a lamellar clay with a silicone-like effect	<i>Aluminum/Magnesium Hydroxide Stearate (cod. KW-102)</i>
		<i>Aluminum Zinc Carbonate Hydroxide and Stearic Acid (cod. KW-202)</i>
THIXOCLAY	It is a rheological modifier of the aqueous phase. It is a gelling agent	<i>Bentonite (cod. KW-01)</i>
THIXOCLAY S	It makes a semi-transparent gel formulation	<i>Lithium Magnesium Sodium Silicate (cod. KW-02)</i>
HYDROFEEL	They improve the sensory properties and confer optimal smoothness to the powders	<i>Magnesium Hydroxide (cod. KW-03)</i>
ANFOFEEL		<i>Magnesium Hydroxide and Stearic Acid (cod. KW-04)</i>





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NIODOR – DEODORANT/ABSORBENTS

Innovative raw materials specially designed for deodorants without aluminum salts and suitable for sensitive skins.

PRODUCT	BENEFITS	INCI
NIODOR	Nature -identical deodorant with no aluminum salts	<i>Zinc Chloride Hydroxide</i> (cod. HDS-02)

HYDROMATT – MATTIFYING & ANTI SHINE EFFECT

Products with mattifying and anti-shine functions, to obtain a matt effect, minimize skin imperfections and maintain make-up longer. Suitable in all formulations where mattifying and pearly properties are required for a soft glowing like effect.

PRODUCT	BENEFITS	INCI
HYDROMATT	It has an anti-shine function. It helps to minimize skin imperfections	Aluminum/Magnesium Hydroxide Stearate (cod. HMA-100)
		Aluminum Zinc Carbonate Hydroxide and Stearic Acid (cod. HZA-200)
PEARLIGHT®	It confers a good pearlizer effect and a film forming property	Zirconium Bis (Hydrogen Phosphate) (cod. PL-01)





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**& For sustainable
ethical beauty**



*Scientific research and innovation
to provide our customers with
products for the realization of high quality
and effective dermo-cosmetic formulations*

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