

Espumil™

Lipophilic foam base



Espumil™

Espumil™ is an innovative, lipophilic foam base where the foam is generated by Fagron foam activating packaging. The unique delivery features of Espumil™ assure the simple application of lipophilic active pharmaceutical ingredients (APIs) and dermaceutical ingredients (DCIs) on difficult-to-treat areas, such as hairy skin and the scalp, without dripping. Espumil™ has proven to be an ideal and stable vehicle for the application of minoxidil¹. Espumil™ is designed according to the latest insights into topical vehicle safety and maximum solubility properties for lipophilic APIs and DCIs.

Benefits of Espumil™

- Innovative base solution for easy compounding of foams
- Creamy foam formulation with minimal greasiness
- Light skin feel, drip-free
- Gentle formulation without gaseous propellants; the foam is activated by Fagron's foam dispenser
- Especially suitable for application on difficult-to-treat areas, such as hairy skin and the scalp
- Compatible with lipophilic APIs and DCIs, such as minoxidil
- Simple three-step compounding process

Fagron Advanced Derma

Leading advanced dermatological care

With Fagron Advanced Derma, patients are guaranteed a total solution for both customized prescription compounding and basic skin care based on:

- Vehicle design according to the latest scientific insights into the safety and tolerance of topically applied ingredients
- Different bases for different skin types
- Suitability for vulnerable, sensitive skin
- Optimal compatibility with a broad range of APIs and DCIs
- A formulary containing different formulations for easy prescribing and compounding by indication

Total solution

Discover Fagron Advanced Derma's total solution by accessing the various information resources:

- Fagron Advanced Derma brochure
- Indication brochures
- Vehicle brochures
- Compatibility table
- Quality documents
- Compounding Matters formulations database
- Fagron Academy
- Fagron formulations app

[fagron.com](https://www.fagron.com)



¹ Geiger CM, Sorenson B, Whaley PA. Stability of minoxidil in Espumil foam base. *Int J Pharm Compd.* 2013 Mar-Apr;17(2):165-7.

Compounding with Espumil™

Fagron Advanced Derma offers a total solution for:

- Customized pharmaceutical compounding
- Basic skin care

Ensures continuous care for the skin during the exacerbation and maintenance phases and guarantees maximum patient comfort for optimal compliance and results.

Espumil™ is recommended with the following APIs and DCIs:

API/DCI	Common concentration(s)
Alfatradiol (17α-estradiol)	0.025 to 0.05%
Caffeine	1 to 2%
Clobetasol propionate	0.05%
Finasteride	0.1%
Ketoconazole	2%
Latanoprost	0.005%
Melatonin	0.0033 to 0.1%
Menthol	1 to 3%
Minoxidil	2 to 5%
Prostaquinon™	3%
Tretinoin (vit. A acid)	0.01 to 0.1%

Please refer to the Fagron Advanced Derma compatibility table for more vehicle and API/DCI combinations.

Compounding formulations for Espumil™

Alopecia and effluvium Latanoprost 0.005% Minoxidil 5% in Espumil™ Fagron foam dispenser	Androgenetic alopecia Minoxidil 5% Tretinoin (vit. A acid) 0.05% in Espumil™ Fagron foam dispenser	Alopecia and effluvium Clobetasol propionate 0.05% Minoxidil 5% in Espumil™ Fagron foam dispenser
Androgenetic alopecia Finasteride 0.1% in Espumil™ Fagron foam dispenser	Alopecia and effluvium Prostaquinon™ 3% in Espumil™ Fagron foam dispenser	Androgenetic alopecia Ketoconazole 2% in Espumil™ Fagron foam dispenser

Please refer to the Compounding Matters database at fagron.com for more formulations.



Maximum patient comfort with Espumil™

The innovative formulation of Espumil™ is ideal for treatment of difficult-to-treat specific skin areas, such as hairy skin and the scalp.

 Specific skin area

Fagron foam dispenser

Foam-activating packaging to transform Espumil™ into a foam without the use of gaseous propellants. Available in 100 ml size. Each pump dispenses a single dose of 0.74 ml.



Time-saving, simple three-step compounding method

1. Calculate and weigh each ingredient.
2. Dissolve API and DCI in approximately ¾ of the required amount of Espumil™. If needed use a magnetic stirring hotplate (max. 50°C).
3. Filter the solution and add sufficient Espumil™ to final weight, mix and dispense in Fagron foam dispenser.

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Disclaimer: While a great deal of effort has been made to ensure the accuracy of the formulations contained herein, no claims are made as to the uses, safety, efficacy, or bioavailability of these recommendations. The content of this brochure cannot be construed as (medical) advice, recommendation, or opinion. Medical professionals, doctors, and compounding pharmacists using this information are advised to do so solely if appropriate in their own professional opinion and judgment. Fagron does not accept and cannot be held responsible or liable in any case for the formulations or information contained herein.