Espumil™
Lipophilic foam base

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 minoxidil base. 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 tailor-made 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.gr
Compounding with Espumil™

Fagron Advanced Derma offers a total solution for:
- Tailor-made 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:

<table>
<thead>
<tr>
<th>API/DCI</th>
<th>Common concentration(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clobetasol propionate</td>
<td>0.05%</td>
</tr>
<tr>
<td>Ketoconazole</td>
<td>2%</td>
</tr>
<tr>
<td>Latanoprost</td>
<td>0.005%</td>
</tr>
<tr>
<td>Melatonin</td>
<td>0.0033 to 0.1%</td>
</tr>
<tr>
<td>Menthol</td>
<td>1 to 3%</td>
</tr>
<tr>
<td>Minoxidil</td>
<td>2 to 5%</td>
</tr>
<tr>
<td>Tretinoin (vit. A acid)</td>
<td>0.01 to 0.1%</td>
</tr>
</tbody>
</table>

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

Compounding formulations for Espumil™

- **Androgenetic alopecia**
  - Latanoprost 0.005%
  - Minoxidil 5%
  - in Espumil™
  - Fagron foam dispenser

- **Androgenetic alopecia**
  - Latanoprost 0.005%
  - Minoxidil 5%
  - Tretinoin (vit. A acid) 0.05%
  - in Espumil™
  - Fagron foam dispenser

- **Androgenetic alopecia**
  - Latanoprost 0.005%
  - Minoxidil 5%
  - Tretinoin (vit. A acid) 0.05%
  - in Espumil™
  - Fagron foam dispenser

- **Alopecia and effluvium**
  - Clobetasol propionate 0.05%
  - in Espumil™
  - Fagron foam dispenser

- **Alopecia and effluvium**
  - Clobetasol propionate 0.05%
  - Minoxidil 5%
  - Fagron foam dispenser

- **Alopecia and effluvium**
  - Clobetasol propionate 0.05%
  - Minoxidil 5%
  - Tretinoin (vit. A acid) 0.05%
  - in Espumil™
  - Fagron foam dispenser

- **Androgenetic alopecia**
  - Ketoconazole 2%
  - Minoxidil 5%
  - in Espumil™
  - Fagron foam dispenser

- **Androgenetic alopecia**
  - Ketoconazole 2%
  - Minoxidil 5%
  - Tretinoin (vit. A acid) 0.05%
  - in Espumil™
  - Fagron foam dispenser

Please refer to the Compounding Matters database at fagron.gr 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.

Fagron foam dispenser

Foam-activating packaging to transform Espumil™ into a foam without the use of gaseous propellants. Available in 100 and 200 ml sizes. Each pump dispenses a single dose of 0.8 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.

fagron.gr