

# Gel Base Reference Chart - Aqueous

|                                                       | NovaFilm™ Gel Base                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | VersaPro™ Gel Base                                                                                                                                                                                                                                                                                                                                                                                                                    | HRT Gel Base (Men)                                                                                                                                                                 | PLO Gel MediFlo™ 30                                                                                                                                                                                                                                                                                                                                                                            | Hydrogel                                                                                                                                                                             |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product No.                                           | 3187                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2636                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2257                                                                                                                                                                               | 2539 / 2501                                                                                                                                                                                                                                                                                                                                                                                    | 2298                                                                                                                                                                                 |
| <b>Appearance</b>                                     | Off-white to pale amber, viscous gel                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Clear to slightly hazy, viscous gel                                                                                                                                                                                                                                                                                                                                                                                                   | Clear, S/W gel                                                                                                                                                                     | Viscous yellowish PLO gel                                                                                                                                                                                                                                                                                                                                                                      | Clear S/W gel                                                                                                                                                                        |
| <b>Description</b>                                    | <ul style="list-style-type: none"> <li>Concentrated mucoadhesive gel for application to mucosa</li> <li>Versatile vehicle for lipophilic and hydrophilic drugs</li> <li>Can be used as-is, diluted with water or in combination with other vehicles for different dosage forms</li> <li>Proven mucoadhesive properties through <i>In Vitro</i> bioadhesion testing**</li> <li>Clinically tested with estriol**</li> <li>Film-forming, non-greasy</li> <li>Vaginal safety testing</li> </ul> | <ul style="list-style-type: none"> <li>Versatile vehicle for lipophilic and hydrophilic drugs</li> <li><i>In Vitro</i> permeation studies with Diclofenac Sodium, Ketoprofen and Lidocaine Hydrochloride</li> <li>Hypoallergenic - dermatologist tested</li> <li>Quick drying, non-greasy</li> <li>Compatible with acids and Hydroquinone</li> <li>Acts as an ultrasound gel</li> <li>Contains non-comedogenic ingredients</li> </ul> | <ul style="list-style-type: none"> <li>Vehicle for lipophilic drugs</li> <li>Practically odorless</li> <li>Quick drying</li> <li>Non-greasy</li> <li>Contains liposomes</li> </ul> | <ul style="list-style-type: none"> <li>Vehicle for lipophilic and hydrophilic drugs</li> <li>Slightly sticky</li> <li>Available as a ready-to-use Pre-Mixed 30 PLO (2501) or in a kit (2539) consisting of two separate components: Lipmax™ (Lecithin/IPP) and Pluronic Gel 30%</li> <li>Characteristic odor</li> <li>Compatible with high concentrations (&gt;=10%) and salt forms</li> </ul> | <ul style="list-style-type: none"> <li>Vehicle for lipophilic (mainly) and hydrophilic drugs</li> <li>Slightly sticky upon application</li> <li>Acts as an ultrasound gel</li> </ul> |
| <b>Vanishing Properties</b>                           | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                  | ●●●●                                                                                                                                                                               | ●●●●                                                                                                                                                                                                                                                                                                                                                                                           | ●●●●                                                                                                                                                                                 |
| <b>Viscosity</b>                                      | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                  | ●●●●                                                                                                                                                                               | ●●●●                                                                                                                                                                                                                                                                                                                                                                                           | ●●●●                                                                                                                                                                                 |
| <b>Dermatological Use</b>                             | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                  | ●●●●                                                                                                                                                                               | ●●●●                                                                                                                                                                                                                                                                                                                                                                                           | ●●●●                                                                                                                                                                                 |
| <b>Cosmetic Use (Standalone)</b>                      | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                  | ●●●●                                                                                                                                                                               | ●●●●                                                                                                                                                                                                                                                                                                                                                                                           | ●●●●                                                                                                                                                                                 |
| <b>Vaginal Use</b>                                    | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                     | X                                                                                                                                                                                  | X                                                                                                                                                                                                                                                                                                                                                                                              | X                                                                                                                                                                                    |
| <b>Stable at 40 °C (104 °F)</b>                       | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                     | ✓                                                                                                                                                                                  | ✓                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                                                                    |
| <b>API Compatibility</b>                              | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                  | ●●●●                                                                                                                                                                               | ●●●●                                                                                                                                                                                                                                                                                                                                                                                           | ●●●●                                                                                                                                                                                 |
| <b>Salt Tolerance</b>                                 | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                     | X                                                                                                                                                                                  | ✓                                                                                                                                                                                                                                                                                                                                                                                              | X                                                                                                                                                                                    |
| <b>API Carrying Capacity</b>                          | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                  | ●●●●                                                                                                                                                                               | ●●●●                                                                                                                                                                                                                                                                                                                                                                                           | ●●●●                                                                                                                                                                                 |
| <b>Passed Preservative System Test USP &lt;51&gt;</b> | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                                                                                                                                                                                | ✓                                                                                                                                                                                                                                                                                                                                                                                              | N/A                                                                                                                                                                                  |
| <b>Mineral Oil and Petrolatum-Free</b>                | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                     | ✓                                                                                                                                                                                  | ✓                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                                                                    |
| <b>Alcohol-Free</b>                                   | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                     | ✓                                                                                                                                                                                  | ✓                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                                                                    |
| <b>Paraben-Free</b>                                   | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                     | ✓                                                                                                                                                                                  | ✓                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                                                                    |
| <b>Water Activity &lt;0.6</b>                         | X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | X                                                                                                                                                                                                                                                                                                                                                                                                                                     | X                                                                                                                                                                                  | X                                                                                                                                                                                                                                                                                                                                                                                              | X                                                                                                                                                                                    |
| <b>Formulas on Stability Program</b>                  | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | F 008 946<br>F 009 191                                                                                                                                                                                                                                                                                                                                                                                                                | N/A                                                                                                                                                                                | F 008 947<br>F 008 996<br>F 008 219<br>F 009 560                                                                                                                                                                                                                                                                                                                                               | N/A                                                                                                                                                                                  |

Legend: ✓ = Yes X = No ● = Low ●● = Good ●●● = Great ●●●● = Excellent S/W = Silicone in Water

\**In Vitro* Percutaneous Absorption of (<sup>14</sup>C)-Diclofenac Sodium from Prototype Formulations using Human Skin, conducted by Dow Pharmaceutical Sciences, Inc. \*\* *In Vitro* Comparative Bioadhesion Testing as conducted by Rheology Lab and Interktek, and physician-directed clinical case study with intravaginal Estriol in NovaFilm™ Gel Base.

The information presented is not geared toward any indication whatsoever and is solely at the discretion and judgment of the duly licensed medical practitioner. It is the responsibility of the licensed pharmacist or other appropriately licensed professional to determine if the products referenced herein are appropriate for the specific use. Medisca cannot be responsible and shall not be responsible for customer's use of the information contained in this suggested product information sheet.

For More Information USA 1-800-932-1039 medisca.com | CAN 1-800-665-6334 medisca.ca | AUS 1300 786 392 medisca.com.au

Copyright©2022 Medisca Pharmaceutique Inc. All rights reserved.



# Gel Base Reference Chart - Anhydrous

|                                                       | VersaPro™ Anhydrous Base                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | OleaBase™ Plasticized                                                                                                                                                                                                                                              | Ointment Base (Emulsifying)                                                                                                                                                                                                                               | AlpaWash®                                                                                                                                                                                                                                                                                                                                             | CopaSil®                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product No.                                           | 3220                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2575                                                                                                                                                                                                                                                               | 0937                                                                                                                                                                                                                                                      | 2953                                                                                                                                                                                                                                                                                                                                                  | 2952                                                                                                                                                                                                                                                                               |
| <b>Appearance</b>                                     | Off-white to light yellowish translucent gel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Soft, colorless ointment                                                                                                                                                                                                                                           | Waxy, white to off-white ointment                                                                                                                                                                                                                         | Yellow ointment with characteristic Propolis odor                                                                                                                                                                                                                                                                                                     | Dry-feel silicone gel                                                                                                                                                                                                                                                              |
| <b>Description</b>                                    | <ul style="list-style-type: none"> <li>Anhydrous versatile drug delivery vehicle for lipophilic and hydrophilic APIs</li> <li>Allows for longer default BUDs as per USP &lt;795&gt; and NAPRA</li> <li>Contains synergistic combination of skin permeation enhancers and emollients to promote absorption of APIs</li> <li>Formulated with film forming agents to promote long lasting delivery of APIs</li> <li>Superior non-greasy sensory experience with water-resistant formulation</li> <li>Contains Silicone</li> </ul> | <ul style="list-style-type: none"> <li>Topical vehicle for lipophilic and hydrophilic drugs</li> <li>Occlusive base for anaesthetics</li> <li>Ideal for dental applications and mucous membranes</li> <li>Contains mineral oil</li> <li>Petrolatum-free</li> </ul> | <ul style="list-style-type: none"> <li>Topical vehicle for lipophilic and hydrophilic drugs</li> <li>Can be used alone as a protectant or emollient</li> <li>Forms O/W emulsion with small amounts of aqueous solutions (ex Coal Tar solution)</li> </ul> | <ul style="list-style-type: none"> <li>Occlusive vehicle containing natural ingredients (e.g. Green Propolis) intended for compounded wound preparation</li> <li><i>In Vivo</i> study available in Wound &amp; Scar brochure</li> <li><i>In Vitro</i> antimicrobial study on green propolis</li> <li>Hypoallergenic - dermatologist tested</li> </ul> | <ul style="list-style-type: none"> <li>Occlusive vehicle with natural ingredients (e.g. Copaiba Oil) intended for compounded scar preparation</li> <li><i>In Vitro</i> antimicrobial study on copaiba oil vs pracaxi oil</li> <li>Hypoallergenic - dermatologist tested</li> </ul> |
| <b>Vanishing Properties</b>                           | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ●●●●                                                                                                                                                                                                                                                               | ●●●●                                                                                                                                                                                                                                                      | ●●●●                                                                                                                                                                                                                                                                                                                                                  | ●●●●                                                                                                                                                                                                                                                                               |
| <b>Viscosity</b>                                      | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ●●●●                                                                                                                                                                                                                                                               | ●●●●                                                                                                                                                                                                                                                      | ●●●●                                                                                                                                                                                                                                                                                                                                                  | ●●●●                                                                                                                                                                                                                                                                               |
| <b>Dermatological Use</b>                             | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ●●●●                                                                                                                                                                                                                                                               | ●●●●                                                                                                                                                                                                                                                      | ●●●●                                                                                                                                                                                                                                                                                                                                                  | ●●●●                                                                                                                                                                                                                                                                               |
| <b>Cosmetic Use (Standalone)</b>                      | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ●●●●                                                                                                                                                                                                                                                               | ●●●●                                                                                                                                                                                                                                                      | ●●●●                                                                                                                                                                                                                                                                                                                                                  | ●●●●                                                                                                                                                                                                                                                                               |
| <b>Vaginal Use</b>                                    | X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | X                                                                                                                                                                                                                                                                  | X                                                                                                                                                                                                                                                         | X                                                                                                                                                                                                                                                                                                                                                     | X                                                                                                                                                                                                                                                                                  |
| <b>Stable at 40 °C (104 °F)</b>                       | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                                                                                                                                                  | ✓                                                                                                                                                                                                                                                         | ✓                                                                                                                                                                                                                                                                                                                                                     | ✓                                                                                                                                                                                                                                                                                  |
| <b>API Compatibility</b>                              | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ●●●●                                                                                                                                                                                                                                                               | ●●●●                                                                                                                                                                                                                                                      | ●●●●                                                                                                                                                                                                                                                                                                                                                  | ●●●●                                                                                                                                                                                                                                                                               |
| <b>Salt Tolerance</b>                                 | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                                                                                                                                                  | ✓                                                                                                                                                                                                                                                         | ✓                                                                                                                                                                                                                                                                                                                                                     | ✓                                                                                                                                                                                                                                                                                  |
| <b>API Carrying Capacity</b>                          | ●●●●                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ●●●●                                                                                                                                                                                                                                                               | ●●●●                                                                                                                                                                                                                                                      | ●●●●                                                                                                                                                                                                                                                                                                                                                  | ●●●●                                                                                                                                                                                                                                                                               |
| <b>Passed Preservative System Test USP &lt;51&gt;</b> | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N/A                                                                                                                                                                                                                                                                | N/A                                                                                                                                                                                                                                                       | N/A                                                                                                                                                                                                                                                                                                                                                   | N/A                                                                                                                                                                                                                                                                                |
| <b>Mineral Oil and Petrolatum-Free</b>                | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | X                                                                                                                                                                                                                                                                  | X                                                                                                                                                                                                                                                         | ✓                                                                                                                                                                                                                                                                                                                                                     | ✓                                                                                                                                                                                                                                                                                  |
| <b>Alcohol-Free</b>                                   | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                                                                                                                                                  | ✓                                                                                                                                                                                                                                                         | ✓                                                                                                                                                                                                                                                                                                                                                     | ✓                                                                                                                                                                                                                                                                                  |
| <b>Paraben-Free</b>                                   | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                                                                                                                                                  | ✓                                                                                                                                                                                                                                                         | ✓                                                                                                                                                                                                                                                                                                                                                     | ✓                                                                                                                                                                                                                                                                                  |
| <b>Water Activity &lt;0.6</b>                         | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                                                                                                                                                  | ✓                                                                                                                                                                                                                                                         | ✓                                                                                                                                                                                                                                                                                                                                                     | ✓                                                                                                                                                                                                                                                                                  |
| <b>Formulas on Stability Program</b>                  | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N/A                                                                                                                                                                                                                                                                | N/A                                                                                                                                                                                                                                                       | N/A                                                                                                                                                                                                                                                                                                                                                   | N/A                                                                                                                                                                                                                                                                                |

Legend: ✓ = Yes X = No ● = Low ●● = Good ●●● = Great ●●●● = Excellent S/W = Silicone in Water

\**In Vitro* Percutaneous Absorption of (14C)-Diclofenac Sodium from Prototype Formulations using Human Skin, conducted by Dow Pharmaceutical Sciences, Inc. \*\* *In Vitro* Comparative Bioadhesion Testing as conducted by Rheology Lab and Interktek, and physician-directed clinical case study with intravaginal Estrinol in NovaFilm™ Gel Base.

The information presented is not geared toward any indication whatsoever and is solely at the discretion and judgment of the duly licensed medical practitioner. It is the responsibility of the licensed pharmacist or other appropriately licensed professional to determine if the products referenced herein are appropriate for the specific use. Medisca cannot be responsible and shall not be responsible for customer's use of the information contained in this suggested product information sheet.

For More Information USA 1-800-932-1039 medisca.com | CAN 1-800-665-6334 medisca.ca | AUS 1300 786 392 medisca.com.au

Copyright©2022 Medisca Pharmaceutique Inc. All rights reserved.

