

TELEPHONE: 514-905-5096 FAX: 514-905-5097 technicalservices@medisca.net

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| Suggested<br>Formula | Lidocaine 1.5%, Nifedipine 0.3% Rectal Ointment (Emulsion, 30 g) | FIN | F 007 217 |
|----------------------|--|-----|-----------|
|----------------------|--|-----|-----------|

# **SUGGESTED FORMULATION**

| Ingredient Listing             | Qty.  | Unit | NDC# | Supplier | Lot<br>Number | Expiry Date |
|--------------------------------|-------|------|------|----------|---------------|-------------|
| Lidocaine, USP                 | 0.450 | g    |      |          |               |             |
| Nifedipine, USP                | 0.090 | g    |      |          |               |             |
| Polyethylene Glycol 300, NF    | 0.6   | mL   |      |          |               |             |
| Medisca AlpaWash <sup>TM</sup> | 28.79 | g    |      |          |               |             |

# SPECIAL PREPARATORY CONSIDERATIONS

| Ingredient-Specific Information            |   |   |
|--|---|---|
| Light sensitive (protect from lig          | ght whenever possible):                                     | Nifedipine  |
| Hygroscopic (protect from moi              | sture whenever possible):                                   | Polyethylene Glycol 300   |
| Narrow Therapeutic Index                   |   | Lidocaine   |
| Suggested Preparatory Guidelines           |   |   |
| Non-Sterile Preparat                       | ion Sterile Preparation                                     |   |
| Processing Error / Testing Considerations: |   | considerations during preparation, it is suggested to of the required quantities of ingredients.          |
| Special Instruction:                       | Protective apparel, such as a lab of should always be worn. | coat, disposable gloves, eyewear and face-masks   |
|  | Lidocaine has a Narrow Theraj                               | peutic Index.   |
|  | -   | f very small quantities of ingredients. All calculations be verified before dispensing the final product. |
|  |   |   |



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# **SUGGESTED PREPARATION (for 30 g)**

Weigh and / or measure the following ingredients when appropriate:

| Ingredient Listing             | Qty.  | Unit | Multiplication factor (*): | Processing<br>Error | Qty. to measure |
|--------------------------------|-------|------|----------------------------|---------------------|-----------------|
| Lidocaine, USP                 | 0.450 | g    |                            |                     |                 |
| Nifedipine, USP §              | 0.090 | g    |                            |                     |                 |
| Polyethylene Glycol 300, NF §  | 0.6   | mL   | <b>Q</b>                   |                     |                 |
| Medisca AlpaWash <sup>TM</sup> | 28.79 | g    |                            |                     |                 |

- \* Takes into account increased batch size conversions and density conversions, if required.
- § Weigh / measure just prior to use.

### **Preparatory Instruction**

### 1. **Powder-liquid preparation:**

- A. By geometric addition, combine and triturate the following ingredients together to form a fine, homogeneous powder blend:
  - -Lidocaine
  - -Nifedipine
- B. Levigate the fine, homogeneous powder blend (Step 1A) with the Polyethylene Glycol 300.

End result: Homogeneous liquid-like dispersion.

## 2. **Powder-liquid to medium integration:**

A. Incrementally add the homogeneous liquid-like dispersion (Step 1B) to the Alpa Wash<sup>TM</sup>.

Specifications: Continuously mix, using high-shear mixing techniques.

End result: Homogeneous ointment-like dispersion.

# 3. **Product transfer:**

Transfer the final product into the specified dispensing container (see "Packaging Requirements").



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### SUGGESTED PRESENTATION

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|--|----------------------------|-------------------|--|--|--------------------------------|--|
|  |                            |                   | I 6 months as nor I \\\D\\\\\  |  |                                | <ul> <li>Tightly closed, light-resistant container.</li> <li>To be administered with a metered-dose measuring device.</li> </ul> |
|  |                            | 1                 | Use as directed. Do not exceed dose.   | d prescribed   | 6                              | Do not take with alcohol, sleep aids, tranquilizers or other CNS depressants.  |
|  |                            | 2                 | Keep out of reach of children.   |  | 7                              | Cap tightly after use.   |
|  | Auxiliary<br>Labels        | 3                 | Consult your health care practit other prescription or over medications are currently being prescribed for future use.   | -the-counter   | 8                              | For external use only.   |
|  |                            | 4                 | Protect from light.  |  | 9                              | May impair mental and/or physical ability. Use care when operating a car or machinery.   |
|  |                            | 5                 | Keep at room temperature (20°C   | C – 23°C).   | 10                             | Keep in a dry place.   |
|  | Pharmacist<br>Instructions | and<br>gan<br>tes | d following the manufacturer's mma irradiation. The resulting Est result.  Id any auxiliary labels specific to to the IPORTANT: - Small batch is pre-  - Limits as to the to the You should not applicate the pre-  blistered, deep wo | s specification BUD will be 3 the API to the epared due to otal amount of pply this prod ounds, or large | dispe inhere product to e area | uct used should be established by a physician.  open wounds, areas of skin that are damaged or                                   |
| Patient Instructions  Contact your pharmacist in the event of adverse reactions.  IMPORTANT: - Do not cover the site of application.  - The quantity of API administered is directly dependent on the quantity of produ applied. |                            |                   |  |  |                                |  |

<sup>\*</sup> The BUD is not later than the time remaining until the earliest expiration date of any API or 6 months, whichever is earlier.



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### **REFERENCES**

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