



#### SUGGESTED FORMULA

Cyclobenzaprine Hydrochloride 0.5% and Diclofenac Sodium 3% in PLO Gel

Version number: 1.0

Quantity: 100gm

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Cyclobenzaprine Hydrochloride, USP (C1570)	0.500gm
Diclofenac Sodium, USP (D1287)	3gm
Ethoxy Diglycol, Reagent (E1022)	10mL
Lecithin Isopropyl Palmitate Solution	22mL
Pluronic 20% Solution (P1337)	Q.S. 100mL

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#### SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required amount of each ingredient
2. Accurately weigh and measure each ingredient
3. Mix the powders together in a glass mortar
4. Incorporate the Ethoxy diglycol to form a paste and mix well
5. Add the Lecithin Isopropyl Solution to the paste mixture and mix well
6. Geometrically add sufficient Pluronic 20% gel to volume, 100mL, and mix thoroughly using a shear method
7. Package in syringes that can be used to accurately measure a dose
8. Suggested quality assessments:
  - a. Uniform paste with no lumps
  - b. Color
  - c. Label (s)- auxiliary labels (external use), storage, BUD

\*When counseling the patient concerning this preparation, it is advisable to explain its temperature-dependent viscosity. As the preparation is rubbed on the skin and warms, it may become slightly viscous and resistant to rubbing.

No claims are made as to the safety or efficacy of this preparation. This formulation is provided solely at the unsolicited request of the pharmacist.

Beyond-Use Dates of preparations are conservative estimates by the formulator using reference books, peer-reviewed literature, and intended duration of therapy, formulation from commercially available products, organoleptic observations and current USP guidelines. Compounders may have stability studies performed by a reputable laboratory if they wish to extend the Beyond-Use Date.

It is recommended that you follow USP <795> recommendations for potency testing.

**Beyond-Use Date of 30 Days can be used for this preparation according to CompoundingToday.com  
Formula #1816**

Precautions should be taken to prevent cross-contamination and exposure of ingredients to the compounder and contamination of the preparation by the compounder. Wear appropriate protective equipment. Use safety enclosures (hoods) when weighing and mixing.

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