



SUGGESTED FORMULA

Ketoprofen 5% / Diclofenac Sodium 3% / Menthol 8% / Lidocaine 5% / Emla Cream

Version number: 1.0

Volume or quantity: 100 gm

Ketoprofen, USP	5 gm
Diclofenac Sodium USP	3 gm
Menthol, USP	8 gm
Lidocaine, USP	5 gm
Emla Cream (mfg)	30 gm
Alcohol 190 Proof, USP	10 mL (8 gm SG 0.8 at 20°C)
Base, Liposome, Heavy Cream	QS to 100gm (41 gm)

SUGGESTED COMPOUNDING PROCEDURES

1. Measure/Weigh all ingredients
2. Transfer menthol to glass mortar and add ½ the alcohol, triturate to dissolve
3. Add remaining powders and triturate to mix
4. Add remaining amount of alcohol to form a paste
5. Using geometric dilution add Emla cream and mix well
6. Using geometric dilution add liposome base and mix well
7. Alternatively, process steps 5 & 6 in electronic mortar to mix
8. Mill step 7 to achieve smooth texture, if available
9. Package and label
10. Suggested Quality assessments:
 - a. color
 - b. texture
 - c. container
 - d. Label - auxiliary labels, storage, BUD, compounded medication

Store in light resistant air-tight container, at Controlled room temperature

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 from 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 estimated to be 30 days per guidelines of USP Chapter <795>

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.

4/18 RD