

SUGGESTED FORMULA

Piroxicam 3% Cream

Version number: 1.0

Volume or quantity: 100 gm

Piroxicam, USP	3gm
Propylparaben, USP	60mg
Methylparaben, USP	150mg
Propylene Glycol, USP	12gm
Stearyl Alcohol, NF	15gm
Sodium Lauryl Sulfate, NF	1gm
Sodium Hydroxide, NF	2.5mL
White Petrolatum, USP	25gm
Purified Water, USP	Q.S 100mL

SUGGESTED COMPOUNDING PROCEDURES

Weigh all ingredients

1. In a suitable tared container, mix White Petrolatum and Stearyl Alcohol and heat to 75°-85°C forming a clear oil phase.
2. In a separate container, mix Propylparaben, Methylparaben, Propylene glycol, Sodium Lauryl Sulfate, and about 30mL of purified water. Heat this mixture to 75°-85°C, forming a clear aqueous phase
3. Add Step #2 to Step #1 with continuous stirring while allowing mixture to cool to 50°C, forming a emulsion
4. In a mortar and pestle, triturate the Piroxicam with the Sodium Hydroxide forming a suspension
5. Add the Piroxicam suspension quantitatively and stepwise to the emulsion using additional purified water with the stirring to bring emulsion to the final weight
6. 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, 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 90days *Per Trissel's Stability for Compounded Formulations 5th Edition*

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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