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### SUGGESTED FORMULA

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#### Anhydrous (Oil-Free) Pain Gel Base

Version number: 1.0

Volume: 100 mL

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Propylene Glycol, USP	[PR130]	20 gm
Ethoxy Diglycol, Reagent	[E1022]	58 gm
Hydroxypropyl Cellulose, NF	[HY121]	1 gm
Butylated Hydroxytoluene, NF	[B1196]	0.05 gm
Glycerin, USP	[G1015]	20 gm
Edetate Disodium, USP	[ED150]	0.05 gm

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**\*All ingredients need to be in gram quantities**

#### SUGGESTED COMPOUNDING PROCEDURES

1. Add Propylene Glycol, Ethoxy Diglycol and Glycerin to beaker and let spin
2. Add Butylated Hydroxytoluene and Edetate Disodium to Step 1
3. \*SLOWLY\* add Hydroxypropyl Cellulose in small amount to beaker
4. Heat mixture to 90-95°F and spin until mixture is clear and without “jelly-like” clumps
6. Sift while warm
7. Let cool to room temperature and place in final container

Suggested quality assessments:

- gel consistency is uniform
- color
- viscosity

Store 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 by the formulator using 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 is estimated to be 180 days**

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.