



SUGGESTED FORMULA

Dexamethasone 0.4% (4mg/g) Gel for Phonophoresis

Version number: 1.0

Volume or quantity: 100 gm

Dexamethasone Sodium Phosphate, USP (DE123)	0.528 gm
Propylene Glycol, USP (PR130)	qs
Aquasonic 100 Ultrasound Gel (03-34)	qs 100gm

Note: Dexamethasone sodium phosphate 0.528 g is equivalent to dexamethasone base 0.4 g.

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared.
2. Accurately weigh and/or measure each ingredient.
3. Mix the dexamethasone sodium phosphate with sufficient propylene glycol to form a smooth paste.
4. Geometrically add the ultrasound gel without incorporating air into the preparation.
5. Mix until uniform.
6. Package and label.
7. 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 30 days *CompoundingToday.com*

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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