



### SUGGESTED FORMULA

Hydroquinone 10% / Kojic Acid 6% / Ascorbic Acid 5% Topical Cream

Version number: 1.0

Volume or quantity: 100 gm

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Hydroquinone, USP (HY113)	10gm
Kojic Acid	6gm
Ascorbic Acid, USP (AS102)	5gm
Butylated Hydroxytoluene, NF (B1196)	0.4gm
Polysorbate 80, NF (PO138)	3mL
Propylene Glycol, USP (PR130)	2.5mL
Sodium Metabisulfite, NF (SO182)	0.3gm
Niosome Heavy Cream Base (B4506)	QS 100gm

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### SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity needed for the total amount to be prepared
2. Weigh and/or measure all ingredients
3. Transfer Butylated Hydroxytoluene to mortar and triturate crystals to fine powder
4. Add Hydroquinone, Kojic Acid, Ascorbic Acid and Sodium Metabisulfite to mortar and triturate to fine powder
5. Add enough Propylene Glycol to form paste, then add remaining Propylene Glycol
6. Add Polysorbate 80 and mix well
7. Using geometric dilution add Niosome Heavy Cream Base and mix well
8. Process step 7 through ointment mill and/or electronic mortar and pestle to reduce grit
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 should be assigned based on the current USP Chapter <795>***

**Precautions:**

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.

Although much attention has been paid to ensure the accuracy of the formulation contained here, Spectrum Pharmacy Products accepts no liability for the loss or damage arising from reliance on the information. Compounding pharmacists using this formula take full responsibility for the formulations and hold Spectrum Pharmacy Products and Spectrum Chemical Mfg Corp. and its officers, directors and employees harmless for any claim arising from use of or reliance on information contained therein.

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