

Hydroquinone 6% - Tretinoin 0.05% - Fluocinolone Acetonide 0.01% Cream (Nourivan™ Antiox)

Total Formula Quantity

100 grams

Ingredients

Quantity

Hydroquinone USP

6 grams

Tretinoin USP

0.05 grams

Fluocinolone Acetonide 50 mg/g-Corn Starch Trituration

0.2 grams

Propanediol NF

5 grams

4.75 milliliters

Nourivan™ Antiox

88.75 grams

Ingredient Disclaimer

This formulation contains ingredient(s) that are on the NIOSH List of Antineoplastic and Other Hazardous Drugs in Healthcare Settings. Follow all relevant USP <800> guidelines when handling, storing, and compounding with this material.

The density of Propanediol is 1.053 g/mL

Ingredient Special Consideration

Oxygen sensitive

Subformula

FA-12324

 Method/Instructions

1. Calculate amount of ingredients needed.
2. Accurately weigh and measure each ingredient.
3. Combine Hydroquinone, Tretinoin, Fluocinolone Acetonide 50 mg/g-Corn Starch Trituration, Propanediol and Nourivan™ Antiox in an appropriate size FagronLab EMP jar then mix for 3 - 4 minutes at a medium mix speed.
4. Process through Three Roll/Ointment Mill as needed.
5. Mix compound again for 1 minute at a low mix speed, or by hand, and package in an appropriate dispensing device.

 Formulation Notes

For optimal results this formulation should be compounded using mechanical mixing devices that ensure thorough mixing and produce high shearing forces (electronic mortar & pestle combined with processing through an ointment mill).

 Equipment

FagronLab EMP

 Supplies/Dispensers

Topi-Click

Topi-Pump

 PPE Notes

Refer to USP <800> current guidelines for specific minimum garbing requirements. Gowns, head, hair, shoe covers, and two pairs of chemotherapy gloves are required for compounding sterile and nonsterile HDs. Refer to current USP <800> and USP <795> or USP <797> guidelines as well as the facility's SOPs for additional information on personal protective equipment (PPE) for non-sterile and sterile hazardous compounding.

Refer to USP <795> current guidelines for specific minimum garbing requirements. Gloves must be worn for all compounding activities. Additional garb may be necessary depending on the type of compounding performed and per the facility's SOP.

 Storage

Store refrigerated (2 to 8 °C) or at controlled room temp (20 to 25 °C) Protect from light Store in a tightly closed container

 BUD

Dating per USP <795>

- Non-preserved aqueous = 14 days
- Preserved aqueous = 35 days
- Nonaqueous oral liquids = 90 days
- Other nonaqueous dosage forms = 180 days

 AUX

This medication was specially compounded in our pharmacy for you at the direction of your prescriber.

 References

The ESTIMATED BEYOND-USE DATE is a physical stability estimate based on information from published references, medical and scientific literature, observed organoleptic stability, formulator practical experience and current USP guidelines. Please refer to USP Chapter <795> for additional information regarding appropriate Beyond-Use determination.

 Disclaimer

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