



SUGGESTED FORMULA

Urea 30% in White Petrolatum Ointment

Version number: 1.0

Volume or quantity: 100 gm

Urea, USP (UR107)	30gm
White Petrolatum, USP (PE125)	70gm

Urea, in 10% to 30% concentration is a commonly used ingredient for topical preparations used to promote hydration of the skin and to remove excess keratin in dry skin conditions. It acts to increase to the uptake of water by the stratum corneum and enhances the skin's water-binding capacity. At 40% concentration it is used as a protein denaturant and as a keratolytic agent.

SUGGESTED COMPOUNDING PROCEDURES

Weigh all ingredients

1. Calculate the required quantity of each ingredient for the total amount to be prepared
2. Accurately weigh and/or measure each ingredient
3. Pulverize the Urea to a fine powder
4. Incorporate the Urea into the White Petrolatum
5. Package and Label
6. Suggested Quality assessments:
 - a. color
 - b. texture
 - c. container
 - d. Label - auxiliary labels (external use), storage, BUD, compounded medication

Store in 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 of 60 Days can be used for this preparation when stored at room temperature or as directed by the current USP <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.

12/18 JD

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 Manufacturing Corp. and its officers, directors and employees harmless for any claim arising from use of or reliance on information contained therein.