



SUGGESTED FORMULA

Povidone-Iodine (PVP) 10% Antiseptic Cream

Version number: 1.0

Volume or quantity: 100 gm

Povidone-Iodine, USP (PO330)	10gm
Polysorbate 80, NF (PO138)	2gm
Cetostearyl Alcohol, NF (C1888)	10gm
Mineral Oil	10gm
Glycerin, USP (G1016)	50gm
Purified Water, USP (W1014)	Q.S. 100gm

This preparation requires heating the material to 70°C to 72°C as directed in the method of preparation. This preparation should be prepared in a vertical airflow hood in a biological safety cabinet or barrier isolation technology.

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 all ingredients
3. Mix the Polysorbate 80 with about 25mL of purified water and the glycerin at 70°C to 72°C
4. Mix the mineral oil and Cetostearyl Alcohol separately to about 70°C to 72°C until completely dissolved
5. Mix the two phases together by adding the oil phase to the aqueous phase at 70°C to 72°C until uniform; cool with constant stirring to room temperature
6. Add the Povidone Iodine to about 15mL of purified water and mix until dissolved
7. Incorporate the Povidone Iodine solution slowly into the cream vehicle prepared mixing well
8. Package and label
9. 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 <795> guidelines

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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