



SUGGESTED FORMULA

Dimethyl Sulfoxide (DMSO) 50% Topical Cream, Preserved, Veterinary

Version number: 1.0

Volume or quantity: 100gm

Dimethyl Sulfoxide (DMSO), USP (D1258)	50gm
Cetyl Alcohol, NF (CE120)	6gm
Stearyl Alcohol, NF (ST115)	6gm
Polysorbate 80, NF (PO138)	6mL
Imidurea, NF (I1007)	100mg
Water, Preserved (Parabens)	qs 100 mL

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared
2. Accurately weight and/or measure each ingredient
3. Mix the Dimethyl Sulfoxide, Polysorbate 80 and about 32mL of Preserved Water
4. Add the Imidurea and heat to about 60°C while stirring
5. In a separate container, heat the Cetyl Alcohol and Stearyl Alcohol until a clear melt is obtained
6. Add the aqueous solution (Step 4) to the oil solution (Step 5) while stirring
7. Remove from heat and mix until cooled
8. If necessary, add sufficient preserved water to make 100gm and mix well
9. Package in glass containers and label
 - 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 estimated to be 30 days *Per CompoundingToday.com Formula # 639*

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.

9/18 JD