



SUGGESTED FORMULA

Acyclovir 3% Ophthalmic Ointment

Version number: 1.0

Volume or quantity: 10 gm

Acyclovir, USP (A1816)	0.3gm
Mineral Oil, USP (MI500)	3.1 g (3.6 mL)
White Petrolatum, USP (PE125)	6.6 gm

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the amount to be prepared.
2. Accurately weigh and/or measure each ingredient.
3. Remove plunger from a 20 mL luer-lock syringe, cap and transfer mineral oil into the syringe barrel with barrel held upright in a beaker.
4. Add acyclovir to step 3 then place plunger back into syringe, being careful not to expel mineral oil and acyclovir mixture.
5. Back load another 20 mL luer-lock syringe with petrolatum, connect the two syringes with a luer-lock connector (Cat # 550-82891 or 552-58640) and mix all ingredients by passing between syringes at least 25 times.
6. Transfer mixture to a clean glass beaker, cover and process in dry heat oven at 160°C for 2.5 hours to sterilize.
7. When mixture is cooled and congealed, aseptically transfer inside ISO Class 5 air (PEC) into a sterile syringe (and apply sterile cap) or sterilized ophthalmic ointment tube.
8. Quality assessments:
 - a. homogenous mixture
 - b. no leakage from container
 - c. sterility testing
 - d. label - auxiliary labels, storage, BUD, compounded medication

Pregnant woman must not handle this medicine

Store in air-tight container, 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 <797> recommendations for potency testing.

Beyond-Use Date should be assigned based on the current USP Standards

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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