



SUGGESTED FORMULA

Ketamine Hydrochloride 5% in Pluronic™ Lecithin Organogel

Version number: 1.0

Quantity: 100gm

Ketamine Hydrochloride, USP (K1068)	5gm
Ethoxy Diglycol, Reagent (E1022)	12mL
Lecithin Isopropyl Palmitate Solution	22mL
Pluronic™ F-127 20% Solution	Q.S. 100mL

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required amount of each ingredient
2. Accurately weigh and measure each ingredient
3. Dry triturate the Ketamine Hydrochloride to break down any clumps
4. Incorporate Ethoxy diglycol to Step#3 to form a paste and mix well
5. Add the Lecithin Isopropyl Solution to the paste mixture and mix well
6. Geometrically add sufficient Pluronic 30% gel to volume, 100mL, and mix thoroughly using a shear method
7. Package in syringes or dispensing device that can be used to accurately measure a dose
8. Suggested quality assessments:
 - a. Uniform paste with no lumps or air pockets
 - b. Color
 - c. Label (s)- auxiliary labels (external use), storage, BUD

*When counseling the patient concerning this preparation, it is advisable to explain its temperature-dependent viscosity. As the preparation is rubbed on the skin and warms, it may become slightly viscous and resistant to rubbing.

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 by the formulator using 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.

Assign beyond-use date based on current USP Chapter <795>.

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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