

**SUGGESTED FORMULA**

Glutathione [L-Reduced] 250mg/mL in Pluronic™ Lecithin Organogel

Version number: 1.0

Quantity: 100gm

L-Reduced Glutathione, USP (G1592)	25gm
Ethoxy Diglycol, Reagent (E1022)	10mL
Lecithin Isopropyl Palmitate Solution	22mL
Pluronic™ F-127 20% Solution	Q.S. 100mL

The reduced form of Glutathione must be utilized for compounding. Lecithin: Isopropyl Myristate may be substituted for the Lecithin: Isopropyl Palmitate. The Lecithin: Isopropyl Palmitate solution can be prepared by mixing 10gm of soy lecithin and 10gm of isopropyl palmitate, allow to stand overnight for complete dissolution to occur. The Pluronic™ 20% Solution can be prepared by adding 20gm of Pluronic™ F-127 to sufficient cold (ice) water to make 100mL. For complete dissolution, place in refrigerator and allow to stand, with periodic agitation.

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required amount of each ingredient
2. Accurately weigh and measure each ingredient
3. Mix the Ethoxy Diglycol with the Glutathione to form a smooth paste
4. Incorporate the Lecithin Isopropyl Palmitate solution and mix well
5. Incorporate the Pluronic™ F-127 20% gel geometrically and mix using a shear-mixing method until uniform
6. Package in syringes that can be used to accurately measure a dose
7. Suggested quality assessments:
 - a. Uniform paste with no lumps
 - b. Color
 - c. Label (s) - auxiliary labels (external use), storage, BUD

For External use only,

Store in air tight, light resistant containers at room temperature away from excessive heat

*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.

Beyond-Use Date of 14 days can be used for this preparation based on CompoundingToday.com Formula#2495

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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