



SUGGESTED FORMULA

Methimazole 10mg/mL Oral Suspension

Version number: 1.0

Volume: 100 mL

*Methimazole, USP (M1137)	10gm
Potassium Sorbate, NF	0.2gm
Citric Acid (Anhydrous), USP (CI131)	0.1gm
Methylcellulose [EM4] 4000cps, USP (ME137)	1gm
Purified Water, USP	Q.S. 100mL

*** This preparation should be compounded in a vertical airflow hood, in a biological safety cabinet or barrier isolation technology.**

SUGGESTED COMPOUNDING PROCEDURES

1. Weigh Methimazole and place in glass mortar and pestle
2. Dry triturate to break down any clumps in the chemical
3. Heat about 50mL of the purified water almost to boiling
4. Remove from heat and add the potassium sorbate and citric acid
5. Slowly sprinkle on the methylcellulose, allow to hydrate and mix well
6. Add the methimazole and purified water to volume and mix well
7. Q.S. medication and shake well.
8. Suggested Quality Assessments—follow pharmacy SOPs:
 - a. Weight to Volume calculation
 - b. Color
 - c. Pourability
 - d. Settling
 - e. Resuspendability

Store in air tight amber plastic containers

Store Refrigerated

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 should be assigned according to the current USP <795> Standards

Hazardous drugs should be handled according to USP and NIOSH standards and pharmacy SOPs. This preparation should be compounded in a vertical airflow hood, in a biological safety cabinet or barrier isolation technology. 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 personal protective equipment.

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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