

**SUGGESTED FORMULA**

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Ibuprofen 600mg Suppositories

Version number: 1.0

Volume or quantity: #10 Suppositories

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Ibuprofen, USP (IB100)	6gm
Colloidal Silicon Dioxide, USP (S1510)	0.25gm
Witepsol <sup>®</sup> H15, base (W1129)	Q.S.

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**SUGGESTED COMPOUNDING PROCEDURES**

\*Prior to beginning, it is necessary that any mold used be calibrated with the formula to determine the quantity of base required.

Weigh all ingredients

1. Calculate the required quantity of each ingredient for the total amount to be prepared
2. Accurately weigh and/or measure each ingredient
3. Using an appropriate heat source , melt the required quantity of Witepsol
4. Triturate Ibuprofen and mix with Colloidal Silicon Dioxide, mix well
5. Slowly sprinkle the powder into the melt with stirring until a mixture is obtained
6. Cool slightly, then pour into the mold in a continuous motion, If appropriate for the mold being used
7. Cool, trim if necessary, package and label
8. Suggested Quality assessments
  - a. % variability & % deviation from theoretical <10% - (remake if >10%)
  - b. Surface appearance and feel
  - c. Melting test
  - d. Quantity
  - e. Label - auxiliary labels, storage, BUD, compounded medication

**Package in air tight, light resistant containers****Store in Refrigerator**

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 should be assigned based on the current USP Guidelines.

**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

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