



Magnum Compounding LLC
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COMPOUNDED INJECTABLE FORMULA INFORMATION SHEET

Product Name: B-Complex Injection Solution (Thiamine HCl 100 mg, Riboflavin 5-Phosphate Sodium 2 mg, Pyridoxine HCl 2 mg, Dexpanthenol 2 mg, Niacinamide 100 mg).

Formulation Type: Sterile Injectable Solution (Intramuscular Use/ Intravenous Use/ Subcutaneous Use).

Vial Size: 30 mL Multi-Dose Vial (MDV).

ACTIVE INGREDIENTS (per mL)

Ingredients	Strength (mg / mL)	Role & Benefits
Thiamine HCl (Vitamin B1)	100	Essential for carbohydrate metabolism and nerve function.
Dexpanthenol (Vitamin B5)	2	Supports adrenal function and synthesis of coenzyme A.
Riboflavin 5 Phosphate Sodium (Vitamin B2)	2	Promotes energy production and antioxidant protection.
Pyridoxine HCl (Vitamin B6)	2	Involved in protein metabolism and neurotransmitter synthesis.
Niacinamide (Vitamin B3)	100	Supports DNA repair, skin health, and anti-inflammatory function.

OTHER INGREDIENTS:

- Benzyl Alcohol 0.9% (Preservative)
- Water for Injection, USP (Vehicle)
- pH adjusted with Sodium Hydroxide and/or Hydrochloric Acid may be used

DESCRIPTION: B-Complex Injection is a sterile injectable solution containing essential B vitamins. These water-soluble vitamins are crucial for cellular metabolism, nervous system function, and energy production. This formula is compounded for intramuscular, slow intravenous administration, or subcutaneous administration.

INDICATIONS:

- Fatigue and chronic stress
- Vitamin B deficiencies
- Metabolic support in illness or post-operative recovery
- Neurological and mood-related conditions

If you have any questions or concerns regarding your medication, please do not hesitate to contact us.



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DOSAGE & ADMINISTRATION: This compound must be administered by or under the supervision of a licensed healthcare provider. The following information is provided for reference purposes only. The prescribing provider must determine the appropriate dosage, frequency, and route of administration based on clinical evaluation:

Route: Intramuscular (IM) / Intravenous (IV) / Subcutaneous (SC)

Suggested Dose: 1 mL, one to three times weekly or as prescribed

STORAGE:

- Refrigerate at 2°C to 8°C (36°F to 46°F)
- Protect from light
- Do not freeze
- Riboflavin content may cause color change during refrigeration

WARNINGS & PRECAUTIONS:

- Do not use if allergic to any ingredient
- Thiamine may cause hypersensitivity reactions in rare cases
- Perform a test dose if a history of allergic reactions exists
- Discontinue if rash, swelling, or difficulty breathing occurs
- Inspect solution before use
- Administer IV injections slowly and dilute if required
- Color may darken due to riboflavin; efficacy is unaffected

POTENTIAL SIDE EFFECTS:

- Localized pain at the injection site
- Mild flushing, tingling, or dizziness
- Rare: allergic reaction or anaphylaxis
- Notify the provider of any unusual or persistent symptoms

DRUG DISPOSAL: Unused or expired compounded medications should be disposed of properly according to local regulations. Do not flush medications down the toilet or pour them into a drain unless instructed to do so. Consult with your pharmacy or local waste disposal authority for appropriate disposal methods. Magnum Compounding can provide guidance or accept returned compounds for proper disposal when applicable.

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SHIPPING & HANDLING:

Shipped in temperature-controlled packaging. Do not use it if the package appears damaged.

INJECTION SAFETY CONSIDERATIONS (CDC GUIDANCE)

- Medications should be drawn up in a designated clean medication preparation area using a new sterile syringe and sterile needle.
- Prepare an injection as close as possible to the time of administration to the patient.
- Do NOT leave the needle inserted into a medication vial septum for multiple uses.
- Vials labeled as single-dose or single-use should be used for only a single patient and entered only once.
- DO NOT combine (pool) leftover contents of single-dose or single-use vials or store them for later use.
- If a single-dose or single-use vial has been opened or accessed (e.g., needle-punctured), it should be discarded according to pharmacy policy or at the end of the procedure, whichever is sooner.
- Discard any medication vial if sterility is compromised or questionable.
- Multi-dose vials should be dedicated to a single patient whenever possible.
- Once opened, multi-dose vials must be dated and discarded within 28 days unless otherwise specified by the pharmacy label.

REFERENCE:

Healthline – Vitamin B Complex

NIH Office of Dietary Supplements

WebMD B-Complex Benefits

Epocrates – B Vitamin Monographs

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