

## Information For the Use

Vitamin A 3000 IU + Vitamin E 500mcg + Vitamin B1 1mg + Vitamin B6 1.5mg + Vitamin C 5mg + Niacinamide 15mg + Vitamin B2 Phosphate 1.5mg + Cyanocobalamin 2mcg + Vitamin D3 400 IU + Zinc 1mg + Iodine 50mcg + L-Lysine 5mg + Biotin 2mcg

# Multibolt Drop

**Product Information: Vitamin A 3000 IU + Vitamin E 500 mcg + Vitamin B1 1 mg + Vitamin B6 1.5 mg + Vitamin C 5 mg + Niacinamide 15 mg + Vitamin B2 Phosphate 1.5 mg + Cyanocobalamin 2 mcg + Vitamin D3 400 IU + Zinc 1 mg + Iodine 50 mcg + L-Lysine 5 mg + Biotin 2 mcg Drop**

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## Composition:

Each 1 mL of drop contains:

- **Vitamin A: 3000 IU**
  - **Vitamin E: 500 mcg**
  - **Vitamin B1 (Thiamine): 1 mg**
  - **Vitamin B6 (Pyridoxine): 1.5 mg**
  - **Vitamin C (Ascorbic Acid): 5 mg**
  - **Niacinamide: 15 mg**
  - **Vitamin B2 Phosphate (Riboflavin-5-Phosphate): 1.5 mg**
  - **Cyanocobalamin (Vitamin B12): 2 mcg**
  - **Vitamin D3 (Cholecalciferol): 400 IU**
  - **Zinc: 1 mg**
  - **Iodine: 50 mcg**
  - **L-Lysine: 5 mg**
  - **Biotin: 2 mcg**
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## Pharmacological Class:

- **Vitamins: Multivitamin and mineral supplement.**
  - **Amino Acid: L-Lysine as a nutritional booster.**
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## Indications:

**This multivitamin and mineral combination is indicated for:**

- 1. Nutritional Deficiency:**
    - **Support for growth and development in infants and children.**
    - **Management of vitamin and mineral deficiencies due to poor diet, illness, or malabsorption.**
  - 2. Immune Support:**
    - **Enhances immune function and protects against infections.**
  - 3. Growth and Development:**
    - **Supports the development of bones, teeth, and tissues in children.**
  - 4. Skin, Hair, and Nail Health:**
    - **Provides essential nutrients like Biotin and Vitamin C to promote healthy skin, hair, and nails.**
  - 5. Cognitive and Neurological Support:**
    - **Contains B-complex vitamins crucial for neurological development and cognitive function.**
  - 6. Metabolism Support:**
    - **Helps maintain proper energy metabolism and supports overall vitality.**
  - 7. Vision and Bone Health:**
    - **Vitamin A and Vitamin D3 promote healthy vision and bone strength.**
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## Mechanism of Action:

- **Vitamin A:** Essential for maintaining vision, promoting immune function, and supporting skin health.
- **Vitamin E:** A potent antioxidant that protects cells from oxidative stress and supports skin and cardiovascular health.
- **Vitamin B1 (Thiamine):** Plays a role in carbohydrate metabolism and energy production.
- **Vitamin B6 (Pyridoxine):** Important for brain development and neurotransmitter synthesis.
- **Vitamin C:** Enhances immunity, promotes collagen formation, and provides antioxidant protection.
- **Niacinamide:** Helps in energy production and maintains healthy skin.
- **Vitamin B2 Phosphate:** Active form of riboflavin that aids in energy production and tissue repair.
- **Cyanocobalamin (Vitamin B12):** Crucial for DNA synthesis, red blood cell production, and neurological health.
- **Vitamin D3:** Enhances calcium and phosphorus absorption for healthy bones and teeth.
- **Zinc:** Supports immune function, growth, and development.
- **Iodine:** Necessary for the production of thyroid hormones and proper thyroid gland function.
- **L-Lysine:** An essential amino acid that supports protein synthesis and growth.
- **Biotin:** Promotes healthy skin, hair, nails, and supports energy metabolism.

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### Dosage and Administration:

- **Recommended Dose:**
  - **Infants:** 0.5 mL once daily.
  - **Children:** 1 mL once daily.
  - **Adults:** As directed by the healthcare provider.
- **Mode of Administration:** Administer orally using the dropper provided. Drops

can be given directly into the mouth or mixed with water, juice, or milk.

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### Contraindications:

- **Hypersensitivity or allergy to any ingredient in the formulation.**
  - **Hypervitaminosis A or D (excessive Vitamin A or D levels).**
  - **Disorders of calcium metabolism in cases of Vitamin D overdose.**
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### Warnings and Precautions:

- **Overdose Risk:** Excessive intake of fat-soluble vitamins (A, D, E) may lead to toxicity.
  - **Renal or Hepatic Impairment:** Use with caution in patients with kidney or liver disease.
  - **Thyroid Disorders:** Monitor iodine intake in patients with thyroid conditions.
  - **Pregnancy and Lactation:** Use under medical supervision during pregnancy or breastfeeding to ensure appropriate dosing.
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### Adverse Effects:

- **Common Side Effects:**
  - Mild gastrointestinal upset (nausea, diarrhea).
  - Allergic reactions like rash or itching.
- **Serious Side Effects:**
  - Hypervitaminosis A (symptoms include headache, nausea, dizziness, and bone pain).
  - Hypercalcemia (from excessive Vitamin D intake) leading to

fatigue, confusion, and kidney issues.

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- Available in a 30 mL bottle with a calibrated dropper for accurate dosing.
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### Drug Interactions:

- **Iron Supplements:** Vitamin C enhances iron absorption; may increase the risk of iron overload in patients with conditions like hemochromatosis.
  - **Thyroid Medications:** Iodine can interfere with thyroid hormone replacement therapies.
  - **Antibiotics (e.g., tetracyclines):** Zinc may reduce the absorption of antibiotics; maintain a 2-hour gap between doses.
  - **Anticoagulants:** High doses of Vitamin E may increase the risk of bleeding.
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### Patient Instructions:

1. Administer the drops as directed by your healthcare provider.
  2. Shake the bottle well before use.
  3. Use the dropper provided to ensure accurate dosing.
  4. If a dose is missed, give it as soon as possible. Do not double the dose.
  5. Avoid exceeding the recommended daily dose to prevent toxicity.
  6. Discard the bottle after the expiration date or as advised.
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### Use in Special Populations:

- **Pregnancy:** Safe within recommended doses. Avoid exceeding daily allowances.
  - **Lactation:** Beneficial for lactating mothers to support the nutritional needs of infants.
  - **Children:** Formulated for pediatric use. Follow age-specific dosing recommendations.
  - **Elderly:** May help meet increased nutritional needs due to aging.
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Manufactured in India for:

**Cafoli**<sup>TM</sup>  
L I F E C A R E

Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

Plot no.: 367-FF, Industrial Area Phase-I,

Panchkula-134113

TM: Trademark Applied for

### Storage:

- Store at room temperature (15-30°C).
  - Protect from light and moisture.
  - Keep out of reach of children.
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### Packaging: