

DPHOS-M

(Sodium Acid Phosphate 400 mg + Methyl cobalamin 100 mcg Injection For Veterinary Use)

Description

This injectable combines **Sodium Acid Phosphate**, a phosphate source and acidifying agent, with **Methyl cobalamin**, an active form of vitamin B12 essential for nervous system function and blood cell formation. This formulation supports metabolic balance, promotes nerve repair, and treats phosphate deficiency and related metabolic disorders in animals.

Specification

- **Sodium Acid Phosphate:** 400 mg/mL (40% w/v)
- **Methyl cobalamin:** 100 mcg/mL
- **Appearance:** Clear, colourless sterile solution
- **pH:** 4.0 – 6.0
- **Sterility:** Sterile and pyrogen-free
- **Packaging:** 30 mL , 100 mL amber glass vials

Composition (Per mL)

- Sodium Acid Phosphate I.P.: 400 mg
- Methyl cobalamin I.P.: 100 mcg
- Excipients: Sterile water for injection, stabilizers q.s.

Category

- Electrolyte and vitamin B12 supplement
- Metabolic corrector and neurotropic agent

Indications

- Treatment of phosphate deficiency and metabolic acidosis
- Support in peripheral neuropathies and vitamin B12 deficiency
- Adjunct therapy for nerve repair and regeneration
- Supportive care in debilitated and recovering animals

Dosage and Administration

- **Cattle, Buffalo, Horses:** 10–20 mL IM/IV once daily or as prescribed
- **Sheep, Goats, Dogs:** 2–5 mL IM/IV once daily
- **Route:** Intramuscular (IM) or Intravenous (IV) injection
- **Frequency:** Daily or as directed by veterinarian

Product Form

- Sterile injectable solution
- Amber glass vial packaging
- Available typically in 30 mL, 100 mL vials

Usage Instructions

- Inspect solution clarity before use
- Administer slowly IV or IM
- Use aseptic technique and sterile syringes
- Avoid mixing with incompatible drugs

Advantages

- Rapid correction of metabolic and phosphate imbalances
- Supports nerve tissue repair and regeneration
- Improves appetite and overall vitality
- Convenient combined formulation for dual therapy

Adverse Effects

- Possible mild local irritation at injection site
- Rare allergic reactions
- Overdose may cause electrolyte imbalance or hypersensitivity

Withdrawal Period

- **Meat:** 3–7 days (consult local veterinary guidelines)
- **Milk:** Use caution; follow regulatory guidelines

Storage Conditions

- Store at 15–30°C
- Protect from light and freezing
- Keep container tightly closed

Handling Precautions

- Use gloves during handling
- Use aseptic techniques
- Dispose of needles and vials safely

HS and HSN Code

- **HS Code:** 3004.90
- **HSN Code (India):** 3004.90.99

Special Instructions

- For veterinary use only
- Do not exceed recommended dosage
- Monitor animal response regularly
- Avoid mixing with incompatible medications



Details of Human and Veterinary Application

- **Veterinary Use:** Used for metabolic correction and neurological support in livestock and companion animals
- **Human Use:** Methyl cobalamin widely used in human medicine; this formulation is veterinary-specific

Frequently Asked Questions (FAQs)

Q1: What is the purpose of combining Sodium Acid Phosphate and Methyl cobalamin?

A: To correct phosphate deficiency and support nerve regeneration simultaneously.

Q2: Can this injection be given IM and IV?

A: Yes, both routes are acceptable depending on veterinary guidance.

Q3: Is it safe for all animal species?

A: Generally yes, but dosing should be species-specific and under veterinary supervision.

Q4: How quickly does it act?

A: Effects on metabolism and nerve repair usually start within days.

Q5: Can it be mixed with other drugs?

A: Avoid mixing with incompatible drugs; use separate syringes.

