VETOPHOS-20%

(SODIUM SALT OF 4-DIMETHYLAMINO 20% + 2-METHYLPHENYLPHOSPHINIC ACID 0.2 GM + PHENYLETHYL ALCOHOL U.S.P. 0.60% INJECTION FOR VETERINARY USE)

🧪 Description

A sterile injectable solution containing a high concentration of sodium salt of 4-dimethylamino, combined with 2-methylphenylphosphinic acid and phenylethyl alcohol as preservative.
The solution is clear, colourless to pale yellow, free from visible particles, formulated for veterinary applications requiring this combination for therapeutic effect.

Supplied in 30 mL and 100 mL sealed ampoules or bottles, intended strictly for veterinary use.

🔍 Specifications

- Sodium Salt of 4-Dimethylamino: 20% w/v
- 2-Methylphenylphosphinic Acid: 0.2 gm per volume (per dosage unit)
- Phenylethyl Alcohol U.S.P.: 0.60% w/v (preservative)
- Sterile, pyrogen-free solution
- Conforms to relevant pharmacopoeia standards
- Clear and free from particulates
- Stable under recommended storage conditions

⚙️ Composition and Excipients

Per mL of solution:

- Sodium Salt of 4-Dimethylamino — 20% w/v
- 2-Methylphenylphosphinic Acid — amount equivalent to 0.2 gm per dosage unit as specified
- Phenylethyl Alcohol U.S.P. — 0.60% w/v
- Vehicle: sterile aqueous or suitable pharmaceutical vehicle q.s.

🧴 Product Form

- Sterile aqueous injectable solution
- Available in 30 mL and 100 mL glass ampoules or bottles
- Single or multi-dose depending on packaging

🏷️ Indications

- Specific veterinary therapeutic uses dependent on active ingredients' pharmacodynamics
- May be used for anti-inflammatory, analgesic, or antimicrobial applications as prescribed
- Administered under strict veterinary supervision

💉 Dosage and Route of Administration

- **Route**: Intramuscular (IM) or intravenous (IV) injection as directed by a veterinarian
- **Dosage**: Species and condition-dependent; must be prescribed by a licensed veterinarian
- Follow veterinarian’s instructions precisely to avoid toxicity or adverse effects

🛠️ Usage and Advantages

- Potent combination designed to provide effective veterinary therapeutic action
- Phenylethyl alcohol ensures product preservation and sterility
- Available in convenient 30 mL and 100 mL volumes for variable dosing requirements

⚠️ Adverse Effects

- Possible local irritation or pain at injection site
- Allergic or hypersensitivity reactions may occur in susceptible animals
- Overdose or incorrect administration may cause systemic toxicity

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Precautions

- Use only under veterinary guidance
- Avoid administration in animals with known hypersensitivity to components
- Monitor treated animals for adverse reactions
- Do not use in pregnant or lactating animals unless prescribed
- Ensure aseptic technique during administration

Withdrawal Period

Withdrawal periods vary by animal species and regulatory guidelines. Consult local veterinary authorities for specific withdrawal times before use in food-producing animals.

Storage and Handling

- Store at controlled room temperature between 15°C to 30°C
- Protect from direct sunlight and freezing
- Use sterile equipment and maintain aseptic technique
- Discard unused product safely according to biohazard protocols

HS / HSN Code

- **HS Code :** 30049099
- **HSN Code :** 3004

Special Instructions

- Do not mix with other injectable medications unless authorized by a veterinarian
- Inspect solution visually before administration — do not use if cloudy or discoloured
- Administer only with proper veterinary training and supervision
- Dispose of sharps and containers as per medical waste guidelines

👥 Veterinary and Human Use Clarification

- For veterinary use only; not intended for human use
- Safety and dosing profiles designed for animal species

❓ Frequently Asked Questions (FAQs)

What species can receive this injection?
Only animals prescribed this treatment by a licensed veterinarian.

What is the purpose of phenylethyl alcohol in this formulation?
It acts as a preservative to maintain sterility and prevent microbial contamination.

Can this be used in pregnant or lactating animals?
Only if prescribed by a veterinarian, as safety has to be carefully considered.

Are there any known side effects?
Local irritation, allergic reactions, or toxicity if used improperly.

How should this product be stored?
At room temperature away from heat and direct sunlight.

Is the 100 mL size suitable for large animals?
Yes, the larger volume allows for multiple doses or larger animals as prescribed.