D-MET

(METHYL-ERGOMETRINE MALEATE I.P. 0.2 mg / 5 mL INJECTION

FOR VETERINARY USE ONLY)

🧪 Description

A sterile, clear to pale yellow aqueous injectable solution containing Methyl-Ergometrine Maleate at a concentration of 0.2 mg per mL.
Formulated for veterinary use to stimulate uterine contractions in animals, primarily during and after parturition to prevent or treat postpartum haemorrhage.

Supplied in 5 mL sealed glass ampoules.

🔍 Specifications

- Methyl-Ergometrine Maleate I.P.: 0.2 mg per mL (total 1 mg per 5 mL ampoule)
- Sterile, pyrogen-free, free from particulate matter
- Conforms to Indian Pharmacopoeia (I.P.) standards for injectable preparations
- pH and clarity within acceptable ranges
- Stable under specified storage conditions

⚙️ Composition and Excipients

Each 5 mL ampoule contains:

- Methyl-Ergometrine Maleate I.P. — 1.0 mg (0.2 mg/mL)
- Vehicle: sterile aqueous solution, q.s. to 5 mL
- May contain stabilizers or preservatives as per formulation requirements

🧴 Product Form

- Sterile aqueous solution for injection
- Packaged in 5 mL glass ampoule
- Single-dose or multi-dose depending on usage instructions

🏷️ Indications

- Prevention and treatment of postpartum and post-abortion uterine atony and haemorrhage in animals
- Facilitates uterine contractions to aid in expulsion of retained placenta or uterine contents
- Used under veterinary supervision in obstetric emergencies

💉 Dosage and Route of Administration

To be administered strictly under veterinary prescription and supervision.

- **Route**: Intramuscular (IM) or intravenous (IV) injection depending on clinical requirement
- **Dosage**: Varies by species, size, and condition; typical dose ranges from 0.1 to 0.2 mg per animal depending on species and severity
- Repeat dosing only as advised by the veterinarian

🛠️ Usage and Advantages

- Rapid onset of uterine contraction to control bleeding
- Helps prevent excessive blood loss in parturition-related complications
- Safe when used as prescribed by a veterinarian
- Useful in livestock species such as cattle, buffaloes, and small ruminants

⚠️ Adverse Effects

- Possible hypertension or increased blood pressure if overdosed
- Nausea, vomiting, or dizziness (rare in animals but possible)
- Local pain or irritation at injection site
- Excessive uterine contractions leading to discomfort or abortion if misused
- Use with caution in animals with cardiovascular diseases

🛑 Precautions

- Use only as directed by a licensed veterinarian/ Observe withdrawal periods in food-producing animals
- Avoid use in animals with known hypersensitivity to ergot derivatives
- Contraindicated in animals with pregnancy complications not related to uterine atony
- Monitor for adverse reactions during treatment

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⏳ Withdrawal Period

Withdrawal period for meat and milk varies by regulatory authority and species. Consult local guidelines before administration to food-producing animals.

📦 Storage and Handling

- Store at 15°C to 30°C in a cool, dry place away from direct sunlight
- Protect from freezing and excessive heat
- Use sterile equipment and aseptic technique
- Discard unused product as per biohazard protocols

🔒 HS / HSN Code

- Typically classified under veterinary pharmaceuticals for obstetric use
- HSN code may fall under 3004 or related categories
- Confirm with local GST/customs authorities

🩹 Special Instructions

- Do not mix with other medications unless authorized by a veterinarian
- Inspect solution before use — discard if cloudy or discoloured
- Administer only with proper veterinary training and prescription
- Dispose of ampoules and sharps safely

🐵 Veterinary and Human Use Clarification

- This product is strictly for veterinary use and is not approved for human administration
- Dosage and safety profiles differ significantly between species and humans

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❓ Frequently Asked Questions (FAQs)

What is Methyl-Ergometrine Maleate used for in animals?
It is used to induce uterine contractions and control postpartum haemorrhage in veterinary obstetric care.

Can it be given to all animals?
Only animals diagnosed with uterine atony or related conditions by a veterinarian should receive this drug.

Is intravenous injection safe?
Yes, when administered by a veterinarian at the correct dose. Incorrect IV administration can cause adverse effects.

What if an overdose occurs?
Seek immediate veterinary care. Overdose can cause severe hypertension and uterine hyperactivity.

Can this injection be used during pregnancy?
Yes, but only in the context of labour or post-delivery complications and under veterinary supervision.

Do I need to refrigerate this product?
No, store at controlled room temperature away from direct light and heat.

Is there a withdrawal period?
Yes, follow local veterinary guidelines to ensure food safety if the treated animal is used for meat or milk.

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