

# BLOATDOT

Simethicone Emulsion U.S.P. 1000 mg/100 mL

Oral Suspension Veterinary Use Only

## Description

Simethicone Emulsion U.S.P. is a defoaming agent used in veterinary medicine to relieve gas-related discomfort such as bloating and flatulence in animals. It works by reducing the surface tension of gas bubbles, causing them to coalesce and be expelled more easily from the gastrointestinal tract.

This formulation contains 1000 mg of Simethicone per 100 mL, delivered as a palatable oral suspension for easy administration to livestock and companion animals.

## Specification

- **Composition per 100 mL:**
  - Simethicone U.S.P. — 1000 mg
  - Excipients — q.s. to 100 mL
- **Appearance:**  
White to off-white, homogenous, smooth oral suspension
- **Formulation Type:**  
Ready-to-use oral suspension
- **pH Range:**  
Typically between 5.0 and 7.0
- **Packaging:**  
HDPE bottle with tamper-evident cap
  - Size: 100 mL
- **Shelf Life:**  
Minimum 24 months under recommended storage conditions

## Pharmacological Category

Antifoaming Agent / Gastrointestinal Simethicone

## **Indications**

- Relief of excess gas and bloating (flatulence) in animals
- Supportive treatment for gastrointestinal discomfort caused by gas accumulation
- Aid in the management of digestive disturbances related to gas retention

## **Dosage and Route of Administration**

- **Route:** Oral administration
- **Recommended Dosage:**
  - Dose varies by species and size; typically 1-2 mL per 10 kg body weight
  - Administer 2-3 times daily or as directed by the veterinarian
- Shake well before use to ensure uniform suspension

## **Advantages**

- Effective relief of gas-related discomfort
- Non-absorbable, acts locally within the gastrointestinal tract
- Safe and well tolerated in most animal species
- Palatable oral suspension for easy administration

## **Adverse Effects**

- Rare; generally considered safe at recommended doses
- Excessive dosing may lead to mild digestive upset in some animals
- Hypersensitivity reactions are uncommon

## **Precautions**

- Use under veterinary guidance
- Avoid use in animals with intestinal obstruction or perforation
- Not a substitute for treatment of underlying disease
- Ensure accurate dosing according to animal weight

### **Withdrawal Period**

- Not applicable as Simethicone is not absorbed systemically
- No withdrawal period required for meat or milk

### **Storage and Handling**

- Store in a cool, dry place below 30 °C
- Protect from direct sunlight and freezing
- Keep container tightly closed when not in use
- Shake well before administration
- Dispose of unused product as per local regulations

### **Regulatory Classification / Schedule**

- Over-the-counter veterinary medicine in many regions
- For veterinary use only

### **HS Code & HSN Code**

- **HS Code (International):** 3004.90 – Other medicaments
- **HSN Code (India):** 3004.90.99 – Veterinary Medicaments (Others)

### **Special Instructions**

- Shake well before each use
- Use accurate measuring devices to dose
- Not for use in humans
- Consult veterinarian if symptoms persist or worsen

## **? Frequently Asked Questions (FAQs)**

**Q: What is Simethicone used for in animals?**

**A:** It is used to relieve excess gas and bloating by breaking down gas bubbles in the gastrointestinal tract.

**Q: Is there a withdrawal period for Simethicone?**

**A:** No, Simethicone is not absorbed systemically and has no withdrawal period.

**Q: Can it be used in all animal species?**

**A:** Generally safe in most species, but always consult a veterinarian before use.

**Q: How should I store the product?**

**A:** Store below 30°C, away from sunlight, and keep the container tightly closed.

