

SUMMARY OF PRODUCT CHARACTERISTICS



GESTAVET® OXI



Stimulates contractions of the uterus & milk ejection (letdown).

Ready to use injectable solution of Oxytocin (10 IU/mL).

Composition: vial containing synthetic Oxytocin at a concentration of 10 IU / 1 mL.

Target species : cattle, sheep and pigs (all females).

Indications: Cows, sows and, sheep | Delivery: delivery induction (if fully dilated cervix); post partum uterine involution and to aid the expulsion of retained placenta; post partum stimulation of milk let-down.

Sows | Lactation: treatment of the agalactia post partum; lactation induction.

Cows | Mastitis: support (co-treatment) therapy to facilitate 'stripping out' of infected quarters in mastitis treatment.

Administration route: Intramuscular, subcutaneous or intravenous.

Recommendations for use and dosage: delivery: cows 75 – 100 IU (equivalent to 7.5 – 10 ml), sows and sheep 30 – 50 IU (equivalent to 3 – 5 ml). **Lactation:** sows and sheep 5 – 20 IU (equivalent to 0.5 – 2 ml). **Milk ejection (let-down) & mastitis:** cows 10 – 20 IU (equivalent to 1 – 2 ml).

Administration could be repeated after 30 minutes if the veterinarian consider it necessary.

Action and pharmacological properties: the Oxytocin (produced in the hypothalamus and released from the rear pituitary) selectively stimulates the motor activity of the uterus, increasing contractions and tone (when dominated by estrogens: estrous, proestrus and final stage of gestation). It also causes contraction of the myoepithelial cells of the mammary acini, causing milk ejection (letdown).

Overdose: hyperstimulation and spasm of the myometrium, premature separation of the placenta, bradycardias and arrhythmias, and even death of the mother and fetus may occur. Postpartum hemorrhages may occur, which would be treated symptomatically. Fetal death may occur.

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Withdrawal period: Meat (all): 0 days | **Milk (cattle and sheep):** 0 hours; 0 days.

Shelf life: 24 months. Once opened shelf life is 28 days.

Storage: refrigerated 2-8 °C. Keep protected from sunlight.

Commercial presentations: some presentations might not be commercialized in some countries.

Single box: 1 cardboard box with 1 vial x 100 mL.

Multi box: 1 cardboard box with 10 vials x 10 mL. 1 cardboard box with 25 vials x 10 mL. 1 cardboard box with 12 vials x 100 mL.

Precautions and warnings: handle with care and under the supervision of a veterinarian. The use of latex gloves is highly recommended. Use by pregnant women is not recommended. Keep out of the reach of children.

Veterinary medicine for veterinary use only.

The evolution of animal health



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