

ROMPOGESIC

Composition:

Each 1 ml contains:
Xylazine 20 mg
(eq to 23.31 mg xylazine
hydrochloride)

Properties:

Xylazine is an α_2 -adrenergic drug with sedative, analgesic and muscle relaxing properties which act via the CNS. It is thought to act by activation of the central presynaptic α_2 -receptors. Activation of these central α_2 -receptors seems to regulate central dopamine and norepinephrine storage or release. It's analgesic and sedative actions are related to its central nervous system depression, while the muscle relaxant effects are due to the inhibition of the intraneural transmission of impulses in the central nervous system.

Target species:

Cattle, horses, dogs, and cats.

Indications:

It is used in cases where sedation is required including:
1- Handling fractious animals e.g.,

for transportation.

2- Medical examinations e.g., X-ray examinations, removal of bandages; examination of the penis and oral cavity.

3- Premedication for minor superficial operations, painful manipulative procedures and local or regional anaesthesia.

4- Elimination of defecation when examining and treating the vagina, uterus and hindquarters.

Dosage and administration:

Route: IM injection & Slow IV for horses.

For whole product: -

- Cattle: 0.25-1.5 ml /100 kg b.wt
- Horses: 3-5 ml/100 kg b.wt.
- Dogs: 0.05 - 0.15 ml/kg b.wt
- Cats: 0.15 ml/kg b.wt

Warnings and precautions:

1- The use of Xylazine should be carefully considered in cases of:

- a. Cardiac aberrations
- b. Arterial hypotension/shock
- c. Renal or hepatic impairment

2- In larger animals, xylazine is not an ideal sedative for Caesarean sections because of its oxytocic effect which impedes uterine suturing. Sedated animals should remain under supervision until normal, and they should be segregated to avoid bullying by others.

3- Horses sedated with xylazine

usually remain standing and may still kick with accuracy. Precaution should be taken by the person administering the veterinary medicinal product to animals to avoid accidental injection / self injection.

4- Nervous or excitable horses may require higher doses.

5- Older horses and those having undergone severe physical exertion before treatment should receive the lowest dose rate

6- Animals being treated should be kept in a warm and quiet environment while under the influence of Rompogesic.

7- Mixing of xylazine with other agents in same syringe is not advised.

Contraindications:

1- DO not use in the following cases:

- Gastro-intestinal obstruction.
- Animals from which milk is produced for human consumption.
- Horses intended for human consumption.
- In cases of known hypersensitivity to the active ingredient.
- In the latter stages of pregnancy except at parturition.
- Pulmonary disease is present or suspected.
- In mechanical complications of the alimentary tract in the cat and dog such as obstruction of the

oesophagus, torsion of the stomach, or hernia.

- In cases of diabetes mellitus.
- In the first trimester of pregnancy.

2- Do not administer by the intra-carotid route.

3- Careful consideration should also be given before administering to animals exposed to stress conditions such as extreme heat, cold high altitude or fatigue.

Side effects:

- 1- In cattle salivation, decreased rumen motility and tympany.
- 2- Bradycardia, cardiac arrhythmia, hypotension, respiratory depression.
- 3- Following intravenous administration to horses a transient rise followed by a fall in blood pressure usually occurs.
- 4- Vomiting is commonly observed in dogs and cats.
- 5- Impaired thermoregulation.
- 6- Paradoxical excitation.

Withdrawal time:

- Cattle: 14 days.
- Animals must not be slaughtered for human consumption during treatment.

Storage conditions:

Store at temperature not exceeding 30°C. Used after opening for 28 days when stored at temperature not exceeding 30°C. in dry place

Packaging:

Carton Box Containing an amber type I glass vial of 10 ml solution, closed with bromobutyl rubber stoppers and aluminum caps. With an outer label and insert leaflet.

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