DIURIZONE INJECTION

Composition
Contains:
- Hydrochlorothiazide 50 mg
- Dexamethasone 0.5 mg
- Excipient
- Benyl Alcohol 0.01 ml

Characteristics
Dexamethasone is a synthetic glucocorticoid the anti-inflammatory activity of which is increased by a C16 methylation and the presence of a C9 fluorne atom. However, the mineralocorticoid activity is reduced. The anti-inflammatory effect is the primary action which is obtained by stabilisation of cell membranes, maintaining the micro circulation of the inflamed zone and prevention of oedema, while preserving normal cell permeability. Hydrochlorothiazide is a diuretic acting by inhibition of sodium resorption. An increase in water occurs, facilitating oedema resorption, it also eliminates chloride ions.

Indications
Horses: Generalised congestion and oedema, Oedema of sheath, Anasarca, Oedema in allergic reactions
Cattle: Congestion and oedema of the udder, persistent Oedema during lactation, pulmonary congestion and oedema, Oedema of surgical wounds, oedema of allergic reactions.

Dosage and administration
<table>
<thead>
<tr>
<th>Animals</th>
<th>Dosage</th>
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</thead>
<tbody>
<tr>
<td>Cattle and adult horses:</td>
<td>Preventive treatment: 10 ml daily for 3 days</td>
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<tr>
<td></td>
<td>Curative treatment: 10ml daily for 2 or 3 days</td>
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<tr>
<td>Cattle and adult horses:</td>
<td>Congestion and mild oedema: 2 ml daily for 2 days</td>
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<tr>
<td></td>
<td>Congestion and severe oedema: 10 ml daily for 2 days and 10ml the third day</td>
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<tr>
<td>Foals and calves:</td>
<td>2 ml per 40-50 KG/BW daily for 3 days</td>
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Adverse reactions
The association of Hydrochlorothiazide and Dexamethasone acetate may induce hepatic encephalopathy. Corticosteroids may delay wound healing and the immunosuppressant actions may weaken resistance to or exacerbate existing infections. In the presence of bacterial infection, anti-bacterial therapy is required when steroids are used. In the presence of viral infections, steroids may worsen or hasten the progress of disease. Due to the risk of hypokalaemia in ruminants treated with corticosteroids, potassium levels should be monitored. Moreover, risks may be associated according to the length of the therapy: in the case of long term corticosteroid therapy, Cushing’s syndrome, tissue atrophy, reduction of muscular weight, osteoporosis, diminution of skin thickness, immune depression, or the inhibition of ACTH release by antihypophyseal inducing the suppression of corticoid production by the adrenal cortex may be observed.

In the case of short-term therapy, polyuria, polydipsia, euphoria, ataxia, disorientation, aggressiveness, risks or urinary, skin or pulmonary infectious complications, gastro-intestinal ulceration of decrease of the hypophyseal ACTH response may occur. However, it is not necessary to use a special protocol such as progressive diminution of doses, if the treatment lasts less than 15 days. Use of corticosteroids in horses has been reported to induce laminitis. Therefore, horses treated with such preparations should be monitored frequently during the treatment period.

Precautions
For intravenous administration, use a tepid solution and inject slowly. Do not use during pregnancy. The use of the product in lactating cows may cause a reduction in milk yield.

Contraindications
Do not use in pregnant animals. Do not use in animals with viral infections, during the viraemic phase. Do not use in animals with diabetes mellitus, congestive heart failure, chronic nephritis, osteoporosis or glaucoma. Do not use in animals with hepatic encephalopathy. Do not use in cases of severe hypokalaemia. Do not use in animals with known hypersensitivity to the active ingredients. Do not use in horses for the treatment of laminitis.

Withholding Period
Cattle:
- Meat and offal: 28 days
- Milk: 7 days

Storage
Store at 15 – 25°C.
Keep away from children.

Presentation
Vial à 50ml

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Prices on request
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All information in this productsheet is subject to printing and type errors.