

BOTULISM

VACCINE FOR CATTLE, HORSES, MULES, SHEEP AND GOATS

Reg. No. G 0111 (Act 36/1947) Namibia: NSR 0591

Formalinised aluminium hydroxide gel adsorbed toxoid of *Clostridium botulinum* types C and D for the immunisation of cattle, horses, mules, sheep and goats against botulism.

Store the vaccine at a temperature of 4 °C to 8 °C, in a refrigerator. Do not use the vaccine after the expiry date printed on the bottle.

RECOMMENDATIONS FOR USE

Botulism (lamsiekte) is caused by the toxin of the organism known as *Clostridium botulinum* which is present in the decomposing carcasses of animals, birds, etc. If the grazing is deficient in phosphorus, cattle will satisfy a craving by eating the old bones of decomposed carcasses and thus develop botulism. The vaccine will protect animals against the botulinum toxin, but is not a substitute for the supplementary feeding of phosphorus. **Animals that have not previously been immunised should be given 2 injections of the vaccine at an interval of 4 - 7 weeks. Thereafter they are given only one injection annually. The second injection is very important for better immunity.**

WARNINGS

Do not slaughter animals for human consumption within 7 days of vaccination. Vaccinate healthy animals only. Keep out of reach of children, uninformed persons and animals. Although this product has been extensively tested under a large variety of conditions, failure thereof may ensue as a result of a wide range of reasons. If this is suspected, seek veterinary advice and notify the registration holder.

DIRECTIONS FOR USE

Use only as directed.

Sterilise syringes and needles by boiling in water for at least 15 minutes. Do not use disinfectants or methylated spirits for sterilising either syringes or needles. Use a separate needle for each animal. Shake the bottle well each time before filling the syringe. Avoid exposure to high temperatures and direct sunlight during inoculation.

DOSAGE:

Sheep and goats:	1 ml subcutaneously
Cattle, horses and mules:	2 ml subcutaneously

EFFECTS OF THE VACCINE

The vaccine does not cause any untoward reactions but some horses may show temporary local swellings. Immunity which lasts for approximately 9-12 months is produced and annual revaccination is recommended. Immunity cannot be guaranteed in all animals.

PACKING

Available in bottles of 50 ml and 100 ml.

Registration holder:

Onderstepoort Biological Products SOC Ltd, Co. Reg. No. 2000/022686/06
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LAMSIEKTE

ENTSTOF VIR BEESTE, PERDE, MUILE, SKAPE EN BOKKE

Reg. Nr. G 0111 (Wet 36/1947) Namibië: NSR 0591

Geformaliseerde, aluminiumhidroksied gel geadsorbeerde toksoïed van *Clostridium botulinum* tipes C & D vir die immunisering van beeste, perde, muile, skape en bokke teen lamsiekte.

Bewaar die entstof by 'n temperatuur van 4 °C tot 8 °C, in 'n yskas. Moet nie die entstof na die vervaldatum wat op die bottel gedruk is gebruik nie.

AANBEVELINGS VIR GEBRUIK

Lamsiekte word veroorsaak deur die toksien van 'n organisme bekend as *Clostridium botulinum*, wat in ontbindende karkasse van dooie diere, voëls, ens. voorkom. Indien daar 'n tekort aan fosfaat in die weiding bestaan vreet beeste die ou bene van ontbinde karkasse en kry sodoende die toksien in en ontwikkel lamsiekte. Die entstof beskerm diere teen lamsiekte maar is nie 'n plaasvervanger vir noodsaaklike byvoeging van fosfate nie. **Diere wat nie voorheen ingeënt was nie ontvang twee inspuitings met 'n tussenpose van 4-7 weke en word daarna een keer per jaar ingespuit. Die tweede inspuiting is baie belangrik vir beter immuniteit.**

WAARSKUWINGS

Moet nie diere binne 7 dae na inenting vir menslike verbruik slag nie. Slegs gesonde diere moet ingeënt word. Hou buite bereik van kinders, oningeligte persone en diere. Alhoewel hierdie produk breedvoerig onder 'n wye verskeidenheid van toestande getoets is, mag dit faal as gevolg van verskeie redes. Indien dit vermoed word, raadpleeg 'n veearts en verwittig die registrasiehouer.

GEBRUIKSAANWYSINGS

Gebruik slegs soos voorgeskryf.

Steriliseer spuite en naalde deur dit vir ten minste 15 minute in water te kook. Moet nie ontsmettingsmiddels of brandspiritus gebruik om spuite en naalde te steriliseer nie. Gebruik 'n afsonderlike naald vir elke dier. Skud die bottel goed voor gebruik. Vermyn blootstelling aan hoë temperature en direkte sonlig gedurende inenting.

DOSIS:

Skape en bokke: 1 ml onderhuids
Beeste, perde en muile: 2 ml onderhuids

UITWERKING VAN DIE ENTSTOF

Geen reaksie word deur die entstof veroorsaak nie, maar perde mag tydelike plaaslike swellings toon. Die entstof verleen gewoonlik beskerming vir ongeveer 9-12 maande en jaarlikse inenting word aanbeveel. Immuniteit kan egter nie in alle diere gewaarborg word nie.

VERPAKKING

Beskikbaar in bottels van 50 ml en 100 ml.

Registrasiehouer:

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