50 cattle doses
100 sheep doses

100 mL

Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C & D Bacterin-Toxoid

For veterinary use only

UltraChoice™ 8

zoetis

For use in healthy cattle and sheep as an aid in preventing blackleg caused by *Clostridium chauvoei*; malignant edema caused by *Cl. septicum*; bacillary hemoglobinuria caused by *Cl. haemolyticum*; black disease caused by *Cl. novyi*; gas-gangrene caused by *Cl. sordellii*; and enterotoxemia and enteritis caused by *Cl. perfringens* types B, C, and D. Although *Cl. perfringens* type B is not a significant problem in North America, immunity is provided by the beta toxoid of type C and the epsilon toxoid of type D.

Directions: Shake well. *Cattle:* Aseptically administer 2 mL. In accordance with Beef Quality Assurance guidelines, this product should be administered subcutaneously (SC) under the skin. Healthy cattle should receive 2 doses administered 4–6 weeks apart. *Sheep:* Aseptically administer 1 mL subcutaneously in the neck, followed by a second dose 4–6 weeks later. For *Cl. haemolyticum* repeat the dose every 6 months in animals subject to reexposure. Annual revaccination with a single dose is recommended.

Precautions: Store at 2°–7°C. Do not freeze. Use entire contents when first opened. Do not vaccinate within 21 days before slaughter. Contains formalin as preservative. Temporary local swelling at injection site may occur after administration. Field reports indicate that a transient reduction in milk production may occur following vaccination. As with many vaccines, anaphylaxis may occur after use. Initial antidote of epinephrine is recommended and should be followed with appropriate supportive therapy.

Technical inquiries should be directed to Zoetis Inc. Veterinary Services, (888) 963-8471 (USA), (800) 461-0917 (Canada).

U.S. Veterinary License No. 190

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