# UltraChoice® 8

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

For veterinary use only

50 cattle doses
100 sheep doses

100 mL

This product has been shown to be effective for the vaccination of healthy cattle and sheep against disease caused by *Clostridium chauvoei, Cl. septicum, Cl. haemolyticum, Cl. novyi, Cl. sordellii,* and *Cl. perfringens* types C and D. Duration of immunity has not been established. For more information regarding efficacy and safety data, see productdata.aphis.usda.gov.

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**: Mix well. *Cattle:* Aseptically administer 2 mL subcutaneously. In accordance with Beef Quality Assurance guidelines, this product should be administered SC under the skin. Healthy cattle should receive 2 doses adminis-tered 4–6 weeks apart. *Sheep:* Aseptically administer 1 mL subcutaneously in the neck, followed by a second dose 4–6 weeks later. For more information on revac-cination and in the face of *Cl. haemolyticum* exposure, contact your veterinarian.

**Precautions**: Store at 2°–8°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 adminis-tration. Field reports indicate that a transient reduction in milk production may occur following vaccination. This product has not been tested in pregnant ani-mals. As with many vaccines, anaphylaxis may occur after use. Initial antidote of epinephrine is recommended and should be followed with appropriate support-ive therapy. Do not mix with other products. In case of human exposure, contact a physician.

Technical inquiries should be directed to Zoetis Inc. Veterinary Services, (888) 963-8471.

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