

BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC.

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ALPHA-7®

Boehringer Ingelheim Animal Health

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

BEEF & DAIRY CATTLE

Indications: This product has been shown to be effective for the vaccination of healthy cattle, including pregnant and lactating cows, against *Clostridium chauvoei*, *Cl. septicum*, *Cl. novyi*, *Cl. sordellii*, and *Cl. perfringens* types C and D. This product was licensed prior to the requirement to establish a minimum age for use. The duration of immunity has not been determined. For more information regarding efficacy and safety data, go to productdata.aphis.usda.gov.

Although *Cl. perfringens* type B is not a significant problem in the U.S.A., immunity may be provided against the beta and epsilon toxins elaborated by *Cl. Perfringens* type B. This immunity is derived from the combination of type C (beta) and type D (epsilon) fractions.

Composition: Prepared from chemically inactivated cultures of the above organisms with a special oil adjuvant to maximize immune response. Gentamicin added as a preservative.

Directions and dosage: Mix well before use. Using aseptic technique, inject one 2 mL dose subcutaneously. Contact your veterinarian or the manufacturer for information on revaccination frequency.

Precautions: Store out of direct sunlight at 35-46°F (2-8°C). Do not freeze. Do not mix with other products. Use entire contents when first opened. Do not vaccinate within 60 days before slaughter. Injection site swelling may occur. In case of anaphylactoid reaction, administer epinephrine. Accidental human injection can cause serious local reactions. In case of human exposure, contact a physician immediately.

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VLN/PCN 124/7410.01

Single dose 10 Doses/20 mL	113501-08
Single dose 50 Doses/100 mL	113502-07

CPN: 1028003.3