

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

078582027

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078582043

# MERCK VACCINE AGENT SUMMARY SHEET (VASS)

## CAVALRY® 9

### Health and Safety Summary Information

#### SECTION I – IDENTIFICATION

**Organisms:** Clostridium Chauvoei-Septicum-Novyi-Haemolyticum-Sordellii-Tetani-Perfringens Types C & D

**Characteristics:** Clostridium Chauvoei-Septicum-Novyi-Haemolyticum-Sordellii-Tetani-Perfringens Types C & D Bacterin-Toxoid

**Company Information:**

Merck Animal Health  
2 Giralda Farms, Madison, NJ 07940-1026  
Customer Service: 800-521-5767  
Order Desk: 800-648-2118  
Technical Service (Companion Animal): 800-224-5318  
Technical Service (Livestock: cows, pigs, poultry, aquaculture): 800-211-3573  
Fax: 908-473-5560  
**Emergency Telephone Number:** 1-908-423-6000 (24/7/365)

#### SECTION II - HAZARD IDENTIFICATION

**Vaccine protects against:** Diseases caused by *Clostridium chauvoei*, *Cl. septicum*, *Cl. novyi* Type B, *Cl. haemolyticum*, *Cl. sordellii*, *Cl. tetani*, and *Cl. perfringens* Types C & D.

#### SECTION III - HEALTH HAZARDS

**Special circumstances for workers:**

**Inactivated cultures:** Once the whole fermentation broth is formalin treated, there is no infectious or toxin risk. The inactivated toxins (toxoid) function as an antigen.

**Inactive toxin (any concentration):** Exposure to inactive crude toxin may cause local tissue irritation or damage; however, the exposure site is not infectious as clostridial spores/vegetative cells are absent.

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## SECTION IV - MEDICAL

**Medical Surveillance for inactivated *Clostridium* or toxin mixture:** Not required.

**Accidental Self-Injection:** Obtain medical attention – show this document. Accidental self-injection may lead to an inflammatory response and medical advice should be sought on the management of deep injections, particularly those near a joint or associated with bruising. If possible the application of gentle squeezing pressure with absorbent material (e.g. facial tissues) at the injection site will swab up unabsorbed vaccine. Strong squeezing of the site should be avoided. The damaged area should be thoroughly cleansed and a topical antiseptic applied.

## SECTION V - RECOMMENDED PRECAUTIONS

**Biological Containment:** Once inactivated as part of the manufacturing process, there are no live organisms present. At this point, biosafety precautions are no longer needed.

## SECTION VI - HANDLING INFORMATION

### Spills:

**Inactivated cultures and finished product:** The final formulated vaccine does not contain live organisms; therefore special biosafety spill procedures are not required. Spill cleanup is to be handled as per departmental SOP. If no SOP available, contain material using a spill pillow or absorbent material and dispose of according to departmental procedures. Soap and water can be used to clean up the area. Minimal personal protective equipment includes safety glasses, lab coat/work uniform, gloves and slip resistant shoe covers.

### References

1. CAVALRY® 9 Overview, [http://www.merck-animal-health-usa.com/products/130\\_163281/ProductDetails\\_130\\_163493.aspx](http://www.merck-animal-health-usa.com/products/130_163281/ProductDetails_130_163493.aspx), accessed 7/8/2016.

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