

SAFETY DATA SHEETS

This SDS packet was issued with item:

078476109

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

078475919 078476117 078865160 078882374 078882382

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

078475877 078476141

MERCK VACCINE AGENT SUMMARY SHEET (VASS)

Vista® 5 L5 SQ

Health and Safety Summary Information for Employees

SECTION I - IDENTIFICATION

Organisms: Attenuated live cultures of bovine rhinotracheitis (IBR) virus; bovine virus diarrhea (BVD) virus (Types 1 & 2); bovine respiratory syncytial virus (BRSV); parainfluenza-3 virus (PI-3). *Leptospira*: *L. canicola*, *L. grippotyphosa*, *L. hardjo* (including the *L. borgpetersenii* serovar hardjo-bovis), *L. icterohaemorrhagiae* and *L. pomona*.

Characteristics: The vaccine product contains modified-live cultures of IBR, BVD (Types 1 & 2), BRSV, and PI3; inactivated cultures of *Leptospira*: *L. canicola*, *L. grippotyphosa*, *L. hardjo* (including the *L. borgpetersenii* serovar hardjo-bovis), *L. icterohaemorrhagiae* and *L. pomona*.

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: Respiratory and reproductive diseases caused by IBR, BVD (Types 1 & 2), BRSV, PI3 and *Leptospira* in healthy cattle.

SECTION III - HEALTH HAZARDS

Special circumstances for workers handling vaccine: None

Vista® 5 L5 SQ

Disclaimer

While this information and recommendations are believed to be accurate as of the date hereof, MERCK & CO, INC. makes no warranty with respect hereto and disclaims all liability from reliance thereon.

SECTION IV - MEDICAL

Medical Surveillance: Not required.

SECTION V - RECOMMENDED PRECAUTIONS

Containment: During manufacturing, BSL-1 precautions are taken to prevent employee and/or environmental contamination when handling the attenuated live cultures. BSL-2 precautions are taken when handling live *Leptospira* cultures; once inactivated as part of the manufacturing process, the *Leptospira* cultures are no longer infectious.

SECTION VI - HANDLING INFORMATION

Spills: A spill cleanup procedure should be developed. If none is available, contain material by covering with absorbent material. Minimal personal protective equipment includes safety glasses, lab coat/work uniform, gloves, and slip resistant shoe covers. Cover with paper towels. Soak the towels with freshly prepared dilution (1:10) of bleach in tap water. Allow soaked toweling to sit for at least 10 minutes. Carefully gather all waste materials into a plastic bag, then dispose of by burning. Alternately, dispose of the bag as infectious waste/ (RMW) via a RMW contract provider.

References

1. Vista® 5 L5 SQ Data Sheet, http://www.merck-animal-health-usa.com/products/130_120762/productdetails_130_121397.aspx , accessed 10/27/2016.

Vista® 5 L5 SQ

Disclaimer

While this information and recommendations are believed to be accurate as of the date hereof, MERCK & CO, INC. makes no warranty with respect hereto and disclaims all liability from reliance thereon.