

MERCK VACCINE AGENT SUMMARY SHEET (VASS)

Nobivac[®] KC

Health and Safety Summary Information for Employees

Organism: The vaccine contains attenuated live *Bordetella bronchiseptica* and attenuated live canine parainfluenza virus.

Characteristics: A live attenuated freeze-dried vaccine containing *Bordetella bronchiseptica* and canine parainfluenza virus.

Company Information:

MERCK ANIMAL HEALTH
556 MORRIS AVE., SUMMIT, NJ, 07901
Customer Service: 800-521-5767
Order Desk: 800-648-2118
Technical Service (Companion Animal): 800-224-5318
Technical Service (Livestock): 800-211-3573
Fax: 908-473-5560

Emergency Telephone Number: 1-908-423-6000 (24/7/365) English Only

SECTION II-HAZARD IDENTIFICATION

Vaccine protects against: The vaccine protects against Kennel Cough.

A persistent honking, hacking, and/or gagging cough is typical of *Bordetella* infection. Many owners describe the cough as “vomiting” or believe something is stuck in their dogs’ throats. In these cases, this presentation is merely an uncomfortable symptom of an inflamed trachea. Fever and lethargy (tiredness) may also occur. Sometimes, a whitish or greenish nasal discharge is also observed, but in other cases, clinical signs may be absent or so mild that they go unnoticed.

Symptoms of parainfluenza virus include many general symptoms seen in other infections, viruses and diseases. Symptoms can vary in intensity and commonly affect younger puppies and aging dogs the worst. This virus is commonly mistaken for kennel cough, as the symptoms between the two are similar. It's important to keep in mind that kennel cough usually produces no additional symptoms, other than the cough. Symptoms to look for when parainfluenza virus is suspected are as follows:

- Dry or hacking cough that may worsen with activity
- Fever

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- Difficulty with breathing, wheezing
- Runny nose
- Sneezing
- Runny eyes, eye inflammation or conjunctivitis
- Possible pneumonia with depression, loss of appetite and lethargy

SECTION III-HEALTH HAZARDS

Special circumstances for workers handling vaccine: None

SECTION IV-MEDICAL

Medical Surveillance: Not required.

SECTION V-RECOMMENDED PRECAUTIONS

Containment: During production, containment for the live attenuated vaccine follows BSL-1 containment practices. Biosafety Level-1 organisms are not known to cause disease in healthy adults.

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

Nobivac[®] KC webpage, http://www.msd-animal-health.co.nz/Products/Nobivac__KC/020_Product_Details.aspx, accessed November 8, 2013.

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