

SAFETY DATA SHEET

ARKO LABORATORIES LTD.  
HIGHWAY 69 NORTH  
JEWELL, IOWA 50130  
515-827-5648

Date of Revision: January 2016

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SECTION I. IDENTIFICATION

Product Name: **Bordetella Avium**  
Synonym(s): **Snick Guard**  
Manufacturer: **ARKO Laboratories**  
**1336 Main St**  
**Jewell, IA 50130**  
**515-827-5648**

Recommended Use: Use as directed on label.  
Restrictions on Use: For veterinary use only.

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SECTION II. HAZARDS IDENTIFICATION

None

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SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS

Product contains no hazardous ingredients.

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SECTION IV. FIRST-AID MEASURES

A. EXPOSURE LIMITS: NA

B. EXPOSURE EFFECTS

Inhalation.....: May cause allergic reactions in sensitive individuals

Skin.....: May cause irritation.

Eye.....: May cause irritation.

Ingestion.....: May cause allergic reactions in sensitive individuals.

C. FIRST AID

Inhalation.....: Remove from exposure. If necessary give cardiopulmonary resuscitation. Obtain medical attention. Antibiotic treatment as necessary.

Skin.....: Remove contaminated clothing. Thoroughly wash exposed area with soap and water. Obtain medical attention. Antibiotic treatment as necessary.

Eye.....: Flush with water for at least 15 minutes. Obtain medical attention.

Antibiotic treatment as necessary.

Ingestion.....: Give copious amounts of water. Obtain medical attention. Antibiotic treatment as necessary.

D. Miscellaneous Toxicological Information:

*Bordetella avium*, the live bacteria contained in this vaccine, is considered not to be pathogenic for the normal immunocompetent human if inhaled, ingested, or applied to the eyes or skin. If the vaccine is accidentally injected, the bacteria will multiply at the site of injection causing an abscess or systemic infection. In immunoincompetent humans, the bacteria should be considered to be pathogenic if inhaled, ingested, applied to the eyes or injected. See a physician immediately.

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SECTION V. FIRE-FIGHTING MEASURES

Nonflammable: NA

Flash Point: NA

Flammable Limits: NA

Extinguishing Media: CO 2 Dry Chemical Water Water Spray.

Special Fire Fighting Procedure: Fight fire from a safe distance. Use water spray to keep containers and equipment cool. Wear full protective equipment including self contained breathing apparatus. Under normal conditions of use this material does not present a significant fire or explosion hazard.

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SECTION VI. ACCIDENTAL RELEASE MEASURES

In the event of spills minimize contact with the spilled material. Wear appropriate respiratory protection and protective clothing in the spill area. Clean the area with a wet mop or wet towels. While not a hazardous waste, material should be destroyed by burning or autoclaving. An approved landfill site is the preferred disposal method after burning or autoclaving.

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SECTION VII. HANDLING AND STORAGE

Store the vaccine as recommended. No special precaution needed in handling the vaccine.

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SECTION VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

A. Ventilation and Respiratory Protection: Provide adequate local exhaust ventilation. Respiratory protection usually not required. Use a half-mask respirator with HEPA cartridges for the material in bulk.

B. Skin and Eye Protection: Latex gloves or better. Lab coat or uniform. Splash goggles/safety glasses. Wash hands and forearms after each use.

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SECTION VIII. PHYSICAL AND CHEMICAL PROPERTIES

Appearance.....: Brownish Yellow Liquid when rehydrated from freeze dried cake

Boiling Point.....: NA

Vapor Pressure.....: NA

Vapor Density.....: NA

Water Solubility.....: NA

Specific Gravity.....: NA

Melting Point.....: NA

Evaporation Rate.....: NA

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SECTION X. STABILITY AND REACTIVITY

Stability.....: Stable; Avoid open flame and high temperatures  
Incompatibility.....: NA  
Hazardous Decomposition Products.....: CO and CO 2  
Hazardous Polymerization.....: NA

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SECTION XI. TOXICOLOGICAL INFORMATION

The organism is not infectious for humans. If exposed, see first aid measures.

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SECTION XII. ECOLOGICAL INFORMATION

N/A

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SECTION XIII. DISPOSAL CONSIDERATIONS

Burn vaccine container and all unused contents.

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SECTION XIV. TRANSPORT INFORMATION

N/A

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SECTION XV. REGULATORY INFORMATION

Regulated by the United States Department of Agriculture

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SECTION XVI. OTHER INFORMATION:

The above information is believed to be correct as of the date of this sheet. The above information does not purport to be all inclusive and shall be used only as a guide. Since the use of this information and the use of the product are not within the control of ARKO LABORATORIES LTD., it is the obligation of the user to assume safe use of this product.