

SAFETY DATA SHEETS

This SDS packet was issued with item:

078393335

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

078392970



Material Safety Data Sheet

PROBIOS Oral Boluses for Ruminants

Issue Date: November 01, 2012

Product Code: CHR-500, CHR-501

Revision# 3

Emergency Phone Number (CHEMTREC): 1-800-424-9300

Section 1 - Identification

Product or Trade Name:	Probios Oral Boluses for Ruminants
Product Description:	CHR-500, 1/2 oz. (12 x 50 ct. jars), CHR-501, 1/4 oz. (12 x 50 ct. jars)
FEMA Number:	Not Applicable
CAS Number:	Not Applicable
Chemical Name:	Not Applicable
Chemical Characterization:	Blend of microorganisms, lactose, corn starch, modified cellulase gum, microcrystalline cellulose, magnesium stearate, and sodium silico aluminate.
Formula:	Not Applicable
Molecular Weight:	Not Applicable

Section 2 - Hazardous Ingredients

Principal Hazardous Components:	Nuisance Dust
% age:	Not Established
Threshold Limit Values (TLV):	Not Established
OSHA Permissible Exposure Limit (PEL):	Not Established
Other:	Not Established

Section 3 - Physical Properties

Boiling Points (° F):	Not Applicable
Specific Gravity (H2O = 1):	Not Applicable
Vapor Pressure (nm mg):	Not Applicable
Vapor Density (air = 1):	Not Applicable
Solubility in Water:	None
Percent Volatile (by weight):	Not Applicable
Evaporation Rate (Butyle Acetate = 1):	Not Applicable
Viscosity:	Not Applicable
pH:	7.3 in 10% solution
Appearance and Odor:	Solid, oval shaped tablet, no odor.
Melting Point (EF):	Not Applicable

Section 4 - Fire and Explosion Hazard Data

Flash Point:	Not Applicable
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Auto Ignition Temperature:	Not Applicable
Stability:	Stable at room temperature; Avoid high temperatures
Method Used:	Not Applicable
Extinguishing Media:	Foam, CO ₂ , Dry Chemical, Water, Fog
OSHA Classification:	Not Applicable
Special Fire Fighting Procedure:	Non-Hazardous
Unusual Fire and Explosion Hazards:	Non-Hazardous
Flammable Limits in Air, Volume% age:	Lower Limit: Not Applicable
	Upper Limit: Not Applicable
HMIS Rating:	Health: Not Applicable
	Flammability: Not Applicable
	Reactivity: Not Applicable

Section 5 - Reactivity Data

Stability:	Stable: <input checked="" type="checkbox"/>	Unstable: <input type="checkbox"/>
Hazardous Polymerization:	May Occur: <input type="checkbox"/>	Will Not Occur: <input checked="" type="checkbox"/>
Hazardous Decomposition Products:	Not Applicable	
Condition to Avoid:	Not Applicable	
Incompatibility (materials to avoid):	Not Applicable	

Section 6 - Health Hazards

Acute Effects (Primary routes of entry):	
Swallowed	May cause drying/ irritation of mucous membranes of throat.
Eye Contact	May cause drying/ irritation of mucous membranes of eyes.
Skin Contact	Mildly irritating.
Inhalation:	May cause drying/ irritation of mucous membrane of nose
Chronic Effects:	Not Applicable
Medical Conditions aggravated by exposure:	Persons with breathing problems or lung disease should not work in dusty areas.
Symptoms of Exposure:	Repeated inhalation of microbial dust by susceptible individuals may result in allergenic sensitization.
Chemical Listed as Carcinogen or Potential Carcinogen:	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
National Toxicology Program:	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
I.A.R.C. Monographs:	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
OSHA:	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>



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Section 7 - Emergency and First Aid Procedures

Swallowed:	Dilute with water. Vomiting may be induced if necessary. Consult a physician.
Skin:	Wash affected skin areas with soap and water.
Eyes:	Flush eyes with excess of water for 15 minutes, consult a physician
Inhaled:	Remove person to fresh air.

Section 8 - Special Protection Information

Respiratory Protection:	None required under normal conditions of use. OSHA/ NIOSH approved dust/ mist filter respirator recommended under conditions that will generate dust.
Ventilation:	Mechanical dilution.
Skin Protection:	Rubber/ Polyethylene protective hand gloves and long sleeves.
Eye Protection:	Tight fitting safety goggles.
Other Protective Equipments:	Clothing protective of exposed skin.

Section 9 - Spill, Leak, and Disposal Procedures

Steps to be taken in case material is released or spilled:	Spillage should be vacuumed up or moistened with water and placed in closed plastic bags for disposal.
Waste Disposal Methods:	Landfill the collected materials in closed containers in accordance with applicable state, federal and local regulations.
Special Precautions:	Wear respiratory protection when dust exposure is high.

Section 10 - Handling and Storage Procedures

Protective measures during repair of contaminated equipment:	Wear respiratory protection when dust exposure is high.
Hygiene practices for handling:	Not Applicable
Other:	Store in cool, dry area for maximum stability. Containers should be moisture proof.

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