

BEST VETERINARY SOLUTIONS, INC  
PO BOX 266 325 NE LAKELAND DR.  
WILLMAR, MN 56201 TELEPHONE 320-235-8611

### MATERIAL SAFETY DATA SHEET

#### SECTION I

Product Name: ImmuBoost

Manufacturer: BVS

For Information on Health Hazards: 320-235-8611

Size: All Sizes

Address: Willmar

Effective as of November, 2006

#### SECTION II

PRINCIPLE HAZARDOUS COMPONENTS: TLV Nuisance Dust Pel/Twa 8 hr 15mg/m (3) Total Dust  
PEL/TWA 8 hr 5 mg/m (3) Respirable dust OSHA  
Citric Acid Anhydrous TLV/TWA 8 hr 19 mg/m (3) Total Dust ACGIH  
Percent 100%  
Propionic Acid Percent 99.5%

#### SECTION III PHYSICAL DATA

FLASH POINT: 52.0 Degrees C(126F)

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Not Applicable

SOLUBILITY (WATERS): Soluble

APPEARANCE: Liquid

SPECIFIC GRAVITY: Not Applicable

PER CENT VOLATILE: Not Applicable

EVAPORATION RATE: Not Applicable

ODOR: Tart Acid ODOR

#### SECTION IV FIRE AND EXPLOSION HAZARD

EXTINGUISHING MEDIA: Water-spray, Dry Chemical, Alcohol foam

SPECIAL FIRE FIGHTING PROCEDURES: Wear self contained breathing apparatus. If leak or spill has not ignited, ventilate area and use water spray. Do not flush down sewers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dangerous when exposed to heat. Runoff may cause fire or explosion hazard.

#### SECTION V HEALTH HAZARD DATA

THRESHOLD VALUE LIMITS: Not Regulated

EFFECTS OF OVEREXPOSURE: None

EMERGENCY AND FIRST AID PROCEDURES: Eyes: Flush with plenty of water for 20 minutes & seek medical attention immediately; Skin: Wash with soap and water, call physician or poison control immediately. Ingestion: DO NOT INDUCE VOMITING. If victim is fully conscious, give a cup of full water call a physician or poison control immediately.

EXTREMELY IRRITATING AND CORROSIVE TO EYES, SKIN AND MOUTH, THROAT AND STOMACH. MAY CAUSE BURNING OF THE ABDOMEN. NAUSEA PAIN SPASMS, HEMATESES, DIARRHEA, FALL IN BLOOD PRESSURE AND ASPHYXIA FROM EDEMA OF THE GLOTTIS.

## SECTION VI REACTIVITY DATA

**STABILITY:** Stable

**INCOMPATIBILITY:** Material can react violently with strong oxidizing agents, metals, strong bases, amines.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None under normal circumstances

**HAZARDOUS POLYMERIZATION:** Will Not Occur

**CONDITIONS TO AVOID:** Skin eyes body parts will cause burns

## SECTION VII SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Isolate area and deny entry. Do not touch, walk through spilled material. Take up with sand and place into containers. Large spill, dike far ahead for later disposal.

**WASTE DISPOSAL METHOD:** Follow all federal, state and local regulations for disposal.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** Organic Vapor Respirator Required

**VENTILATION:** LOCAL EXHAUST: Recommended SPECIAL: None

MECHANICAL: None OTHER: None

**PROTECTIVE GLOVES:** Yes EYE PROTECTION: Wear goggles

**OTHER PROTECTIVE EQUIPMENT:** Prevent contact with skin. Very corrosive, will cause burns to skin

## SECTION IX SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep away from heat and flame oxidizing materials.

**OTHER PRECAUTIONS:** KEEP AWAY FROM SKIN AND EYE EXPOSURE.

### SPECIAL PRECAUTIONS

**CAUTION:** Certain components of animal feeds, including medicated premixes, possess properties that may be a potential health hazard or a source of personal discomfort to certain individuals who are exposed to them. Human exposure should therefore, be minimized by observing the general industry standards for occupational health and safety. Precautions such as the following should be observed: dust masks or respirators and protective clothing should be worn; dust-arresting equipment and adequate ventilation should be utilized; personal hygiene should be observed; shower before eating or leaving a work site; be alert for signs of allergic reactions- seek medical treatment if such reactions are suspected.

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