

Identity: Tumul-K® (potassium gluconate) Tablet, Powder & Gel

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Product Code 845100, 846004, 847005

Section I

Supplier Information:

Emergency Telephone Number

Name: VIRBAC CORP.

Transportation: Chemtrec 800-424-9300

Virbac AH Inc.

Other emergencies:

Address: P. O. BOX 162059

POISON CONTROL CENTER or 911

City: FORT WORTH

Telephone Number for Information

State: TX 76161

Contact Virbac: 800/338-3659

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Special Chemical Identification; Common Name)	OSHA PEL	ACGIH TLV	STEL	CAS #	% (opt.)
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Tumul-K® Tablet, Powder and Gel are exempt from the requirements of the Occupational Health and Safety Administration (OSHA) Hazard Communication Standard (29CFR1910.1200). These products are exempt by OSHA because, under normal conditions of use, these formed products are believed to pose little risk to personnel who handle them in an occupational setting.

Potassium Gluconate	Not Applicable	Not Applicable	Not Applicable	299-27-4	
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Section III - Physical/Chemical Characteristics

Boiling Point:	Not Applicable
Specific Gravity (H ₂ O = 1):	Not Applicable
Vapor Pressure (mm Hg):	Not Applicable
Melting Point:	Not Applicable
Vapor Density (AIR = 1):	Not Applicable
Evaporation Rate (Butyl Acetate = 1):	Not Applicable
Solubility in Water:	Not Applicable
Appearance and Odor:	Tablet, Powder or Gel

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used):	Not Applicable
Flammable Limits:	LEL: Not Applicable UEL: Not Applicable
Extinguishing Media:	Water spray, dry chemical, carbon dioxide, or foam suitable for the surrounding fire and materials.
Special Firefighting Procedures:	Not Applicable.
Unusual Fire and Explosion Hazards:	Not Applicable

Section V - Reactivity Data

Stability	STABLE
Incompatibility	(Materials to Avoid): Strong oxidizing agents
Hazardous Decomposition or Byproducts:	Carbon monoxide, Carbon dioxide, Carbon dioxide
Hazardous Polymerization	WILL NOT OCCUR
Conditions to Avoid:	None known

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Section VI - Health Hazard Data

Routes of Entry: Inhalation? Yes Skin? NO Ingestion? Yes

Health Hazards (Acute and Chronic): May be irritating to mucous membranes, upper respiratory tract, skin, and eyes.

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure: Ingestion of large amounts may cause nausea, vomiting, and diarrhea,

Medical Conditions Generally Aggravated by Exposure: Alkalosis, an abnormal condition of increased alkalinity of the blood and tissues.

Emergency and First Aid Procedures

INGESTED: If large quantities are swallowed, call a physician or Poison Control Center.

SKIN CONTACT: Wash affected areas promptly and thoroughly with soap and water. Rinse thoroughly.
If irritation occurs, get medical attention.

EYE CONTACT: Immediately rinse eyes with water for a minimum of 15 minutes assuring adequate flushing by separating the eyelids with fingers. Call a physician if irritation persists.

INHALATION: Not Applicable

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Sweep or mop up spillage, place in a bag or appropriate container and hold for waste disposal. Ventilate area and wash spill site after spillage is picked up completely.

Waste Disposal Method: Dispose of in accordance with all applicable federal, state, and local laws.

Precautions to be Taken in Handling or Storage: Store tightly sealed in the original container at controlled room temperature not to exceed 25°C (77°F).

Other Precautions: Keep out of the reach of children.

Section VIII - Control Measures

Respiratory Protection: Not necessary under recommended conditions of use.

Ventilation Local Exhaust: Not Applicable

Special: Not Applicable

Mechanical (General): Not Applicable

Protective Gloves: Rubber gloves for prolonged or repeated exposure.

Eye Protection: Not necessary under recommended conditions of use.

Other Protective Clothing or Equipment: None required.

Work/Hygienic Practices: Read and follow directions on product label.

Section IX - Additional Information

Tumil-K is a registered trademark of Virbac AH, Inc.

Disclaimer of Expressed and Implied Warranties: This information is provided in good faith but without express or implied warranty. Buyer assumes all responsibility for safety and use not in accordance with label instructions.

Prepared by Regulatory Affairs Department

New MSDS Dated: March 19, 2009

Supersedes MSDS Date: August 19, 2004