## SAFETY DATA SHEET
### TUMIL-K® Potassium Gluconate Tablets

### 1. IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>TUMIL-K® Potassium Gluconate Tablets</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended use of the chemical and restrictions on use</strong></td>
<td>Potassium supplement tablets for cats and dogs</td>
</tr>
<tr>
<td><strong>Identified uses</strong></td>
<td>For animal use only.</td>
</tr>
<tr>
<td><strong>Company Identification</strong></td>
<td>Virbac AH, Inc.</td>
</tr>
<tr>
<td></td>
<td>P.O. Box 162059</td>
</tr>
<tr>
<td></td>
<td>Fort Worth, Texas 76161</td>
</tr>
<tr>
<td><strong>Customer Information Number</strong></td>
<td>(800) 338-3659</td>
</tr>
<tr>
<td><strong>Emergency Telephone Number</strong></td>
<td>(800) 424-9300</td>
</tr>
<tr>
<td><strong>Chemtrec Number</strong></td>
<td>Human Toll-free 833-224-2009</td>
</tr>
<tr>
<td><strong>Other Emergency Number:</strong></td>
<td>Animal Toll-free 833-224-2013</td>
</tr>
<tr>
<td><strong>Issue Date</strong></td>
<td>March 10, 2020</td>
</tr>
<tr>
<td><strong>Supersedes Date</strong></td>
<td>April 24, 2017</td>
</tr>
</tbody>
</table>

*Safety Data Sheet prepared in accordance with OSHA’s Hazard Communication Standard (29 CFR 1910.1200) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)*

### 2. HAZARDS IDENTIFICATION

#### Hazard Classification
This product is classified as not hazardous in accordance with the Globally Harmonized System of Classification and Labelling (GHS).

#### Label Elements
- **Hazard Symbols**: None
- **Signal Word**: None

#### Hazard Statements
None

#### Precautionary Statements
- **Prevention**: None
- **Response**: None
- **Storage**: None
- **Disposal**: None

#### Other Hazards
None
2. HAZARD IDENTIFICATION

Specific Concentration Limits
The values listed below represent the percentages of ingredients of unknown toxicity.
- Acute oral toxicity: <5%
- Acute dermal toxicity: <5%
- Acute inhalation toxicity: <5%
- Acute aquatic toxicity: <5%

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms:
This product is a mixture.

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Gluconate</td>
<td>229-27-4</td>
<td>&gt;90%</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Description of necessary first-aid measures
Eyes
Not an expected route of entry. If tablet contacts eye, flush thoroughly with water. If pain or irritation persists contact a physician.

Skin
If irritation develops wash skin thoroughly with soap and water. Obtain medical attention if redness or soreness persists.

Ingestion
Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation
Remove person to fresh air. Seek medical attention if symptoms persist.

Most important symptoms/effects, acute and delayed
Aside from the information found under Description of necessary first aid measures (above) and Indication of immediate medical attention and special treatment needed, no additional symptoms and effects are anticipated.

Indication of immediate medical attention and special treatment needed

Notes to Physicians
Treat symptomatically.

5. FIRE - FIGHTING MEASURES

Extinguishing Media
Use extinguishing media appropriate for surrounding materials.

Unusual Fire and Explosion Hazards
Can release hazardous vapors during a fire.
5. **FIRE - FIGHTING MEASURES**

   **Protective Equipment for Fire-Fighting**
   Wear full protective clothing and self-contained breathing apparatus.

6. **ACCIDENTAL RELEASE MEASURES**

   **Personal precautions, protective equipment and emergency procedures**
   No specific measures recommended.

   **Environmental Precautions**
   Prevent the material from entering drains or watercourses.

   **Methods and materials for containment and cleaning up**
   Pick up and dispose of in accordance with all applicable local and national regulations. Prevent the material from entering drains or watercourses.

7. **HANDLING AND STORAGE**

   **Precautions for safe handling**
   Wear appropriate protective clothing.

   **Conditions for safe storage**
   Store in original container at temperatures between 59°F and 86°F (15°C - 30°C). Store away from children and pets.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

   **Control parameters**
   Exposure limits are listed below, if they exist.

   **Appropriate engineering controls**
   No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels.

   **Individual protection measures**
   - **Respiratory Protection**
     Not required under normal conditions of use.
   - **Skin Protection**
     Not required under normal conditions of use.
   - **Eye/Face Protection**
     Not required under normal conditions of use.
   - **Body Protection**
     Normal work wear

9. **PHYSICAL AND CHEMICAL PROPERTIES**

   **Appearance**
   - **Physical State** Solid (tablet)
   - **Color** White
9. PHYSICAL AND CHEMICAL PROPERTIES

Odor: None
Odor Threshold: No data available
pH: No data available
Relative Density: No data available
Boiling Range/Point (°C/F): No data available
Melting Point (°C/F): No data available
Flash Point (PMCC) (°C/F): Not flammable
Vapor Pressure: No data available
Evaporation Rate (BuAc=1): No data available
Solubility in Water: No data available
Vapor Density (Air = 1): No data available
VOC: No data available
Partition coefficient (n-octanol/water): Not applicable
Viscosity: Not applicable
Auto-ignition Temperature: No data available
Decomposition Temperature: No data available
Upper explosive limit: No data available
Lower explosive limit: No data available
Flammability (solid, gas): No data available

10. STABILITY AND REACTIVITY

Reactivity
Data is not available.

Chemical Stability
Stable under normal conditions.

Possibility of hazardous reactions
Hazardous polymerization will not occur.

Conditions to Avoid
Heat - high temperatures

Incompatible Materials
None known.

Hazardous Decomposition Products
Oxides of carbon – potassium oxides – magnesium oxides

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Potassium Gluconate
Oral LD50 (rat) 10,380 mg/kg

Specific Target Organ Toxicity (STOT) – single exposure
No relevant studies identified.
11. TOXICOLOGICAL INFORMATION

Specific Target Organ Toxicity (STOT) – repeat exposure
No relevant studies identified.

Serious Eye damage/Irritation
No relevant studies identified.

Skin Corrosion/Irritation
No relevant studies identified.

Respiratory or Skin Sensitization
No relevant studies identified.

Carcinogenicity
Not considered carcinogenic by NTP, IARC, and OSHA.

Germ Cell Mutagenicity
No relevant studies identified.

Reproductive Toxicity
No relevant studies identified.

Aspiration Hazard
Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity
No relevant studies identified.

Mobility in soil
No relevant studies identified.

Persistence/Degradability
No relevant studies identified.

Bioaccumulative Potential
No relevant studies identified.

Other adverse effects
No relevant studies identified.

13. DISPOSAL CONSIDERATIONS

Disposal Methods
Dispose of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

Contact supplier for transport information.
15. REGULATORY INFORMATION

United States TSCA Inventory
This product is excluded from the US EPA Toxic Substance Control Act and is regulated under the Food, Drug and Cosmetic Act.

SARA Title III Sect. 311/312 Categorization
None

SARA Title III Sect. 313
The following chemicals are listed in Section 313 at or above de minimis concentrations: None

16. OTHER INFORMATION

Legend
ACGIH: American Conference of Governmental Industrial Hygienists
BOD: Biological Oxygen Demand
CAS#: Chemical Abstracts Service Number
FIFRA: Federal Insecticide, Fungicide and Rodenticide Act
IARC: International Agency for Research on Cancer
LC50: Lethal Concentration 50%
LD50: Lethal Dose 50%
N/A: Denotes no applicable information found or available
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit
TLV: Threshold Limit Value
TSCA: Toxic Substance Control Act

Revision Date: March 10, 2020
Replaces: April 24, 2017
Changes made: Update to emergency numbers and section 15.

Information Source and References
This SDS is prepared by Hazard Communication Specialists based on information provided by internal company references.

Prepared By: EnviroNet LLC.

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