SAFETY DATA SHEETS

This SDS packet was issued with item:

078013209

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

078013217 078080665 078081103

SAFETY DATA SHEET
C. E. T.® Enzymatic Toothpaste – Poultry Flavor

1. IDENTIFICATION

Product Name	C. E. T.® Enzymatic Toothpaste – Poultry Flavor
Recommended use of the chemical and restrictions on use	
Identified uses	Toothpaste for cats and dogs
Restrictions on Use	For veterinary use only
Product Numbers	CET201
Company Identification	Virbac AH, Inc. P.O. Box 162059 Fort Worth, Texas 76161
Customer Information Number	(800) 338-3659
Emergency Telephone Number	
CHEMTREC Number	(800) 424-9300
Other Emergency Number:	Poison Control Center: 1-800-222-1222
Issue Date	May 5, 2015
Supersedes Date	March 30, 2011

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. HAZARD 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	<1%
Acute dermal toxicity	30 - 40%
Acute inhalation toxicity	30 - 40%
Acute aquatic toxicity	45 - 55%

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms:
This product is a mixture.

Component Name	CAS Number	Concentration
Sorbitol	50-70-4	30 - 40%
Amorphous silicon dioxide	112926-00-8	5 - 15%
Glycerine	56-81-5	1 - 10%
Titanium Dioxide	13463-67-7	0.1 - <1.0%

4. FIRST - AID MEASURES

Description of necessary first-aid measures

Eyes
Immediately flood the eye with plenty of water, holding the eye open. Obtain medical attention if soreness or redness persists.

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.

5. FIRE - FIGHTING MEASURES

Unusual Fire and Explosion Hazards
Can release hazardous vapors during a fire.

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
Wear appropriate protective clothing.

Environmental Precautions
Prevent the material from entering drains or watercourses.

Methods and materials for containment and cleaning up
Wipe up and transfer into suitable containers for recovery or disposal. 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 in a cool, dry place. Store away from children and pets.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Glycerin (Mist)
ACGIH: TLV 10 mg/m^3 8h TWA.
OSHA: PEL 5 mg/m^3 8h TWA respirable fraction
15mg/m^3 8h TWA total dust
Silica: Amorphous, including diatomaceous earth
OSHA: PEL 20 mppcf 8h TWA
0.8 mg/m^3 8h TWA
The exposure limit is calculated from the equation, 80/(%SiO2), using a value of 100% SiO2. Lower values of % SiO2 will give higher exposure limits.
Titanium Dioxide
ACGIH TLV: 10 mg/m^3 TWA
OSHA PEL: 15 mg/m^3 TWA, total dust

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical State	Solid (paste)
Color	Tan/Brown
Odor	Poultry
Odor Threshold	No data available
pH	No data available
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

10. STABILITY AND REACTIVITY

Incompatible Materials
None known.

Hazardous Decomposition Products
Oxides of carbon - acrolein

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Sorbitol
Oral LD50 (rat) 15,900 mg/kg
Glycerin
Oral LD50 (rat) >5000 mg/kg
Dermal LD50 (guinea pig) >50,000 mg/kg
Inhalation LC50 (rat) >2.75 mg/L 4hr
Amorphous Silicon Dioxide
Oral LD50 (rat) > 5000 mg/kg
Dermal LD50 (rabbit) >2000 mg/kg

Specific Target Organ Toxicity (STOT) – single exposure
Sorbitol: Reports of adverse reactions to sorbitol are largely due to its action as an osmotic laxative when ingested orally, which may be exploited therapeutically. Ingestion of large quantities of sorbitol (> 20g/day in adults) should therefore be avoided.

Specific Target Organ Toxicity (STOT) – repeat exposure
Available data indicates this product is not expected to cause target organ effects after repeated exposure.

Serious Eye damage/Irritation
Available data indicates this product is not expected to cause eye irritation.

Skin Corrosion/Irritation
Available data indicates this product is not expected to cause skin irritation.

Respiratory or Skin Sensitization
Available data indicates this product is not expected to cause skin sensitization.

Carcinogenicity
Titanium Dioxide: IARC Overall Evaluation is 2B (Possibly carcinogenic to humans) IARC evaluation guidelines consider the generation of tumors, in 2 different studies within the same animal species, to be adequate criteria for an assessment of sufficient evidence. The conclusions of several epidemiology studies on more than 20000 TiO_2 industry workers in Europe and the USA did not suggest a carcinogenic effect of TiO_2 dust on the human lung. Mortality from other chronic diseases, including other respiratory diseases, was also not associated with exposure to TiO_2 dust. Based upon these studies, titanium dioxide is not expected to cause lung cancer or chronic respiratory diseases in humans at concentrations experienced in the workplace.

Germ Cell Mutagenicity
Available data indicates this product is not expected to be mutagenic.

11. TOXICOLOGICAL INFORMATION

Reproductive Toxicity
Available data indicates this product is not expected to cause reproductive toxicity or birth defects.

Aspiration Hazard
Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Available data indicates this product is not expected to be ecotoxic.

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 contains ingredients that have not been verified for listing on the Toxic Substance Control Act Chemical Inventory.

Canada DSL Inventory
This product contains ingredients that have not been verified for listing on the Domestic Substance List (DSL).

California Proposition 65
This product contains the following materials which the State of California has found to cause cancer, birth defects or other reproductive harm: None

SARA Title III Sect. 311/312 Categorization
None

15. REGULATORY INFORMATION

SARA Title III Sect. 313
This product contains a chemical that is listed in Section 313 at or above de minimis concentrations. The following listed chemicals are present: 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: May 5, 2015
Replaces: March 30, 2011
Changes made: Update to GHS.

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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