MATERIAL SAFETY DATA SHEET
C. E. T.® Enzymatic Toothpaste – Seafood Flavor
Product Code: CET202

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATIONS AND OF THE COMPANY UNDERTAKING

Product Name	C. E. T.® Enzymatic Toothpaste – Seafood Flavor
Product Description	Tartar control toothpaste for cats and dogs
Manufacturer/Supplier	Virbac AH, Inc.
Address	P.O. Box 162059 Fort Worth, Texas 76161
Phone Number	(800) 338-3659 for Technical Support
Chemtrec Number (24 hour)	(800) 424-9300
Emergency Numbers:	(800) 338-3568 for Human and Animal Medical Emergencies
MSDS Revision Date:	March 30, 2011
Supersedes MSDS Dated:	March 19, 2009

Material Safety Data Sheet in compliance with OSHA's Hazcom Standard (29 CFR 1910.1200)

2. HAZARDS IDENTIFICATION

Emergency Overview
CAUTION!
Keep out of reach of children.
Read entire label before each use.

Routes of Entry
Eye contact - Skin contact - Ingestion

Carcinogenic Status
Not considered carcinogenic by NTP, IARC, and OSHA.

Target Organs
Eyes - Skin

Health Effects - Eyes
Contact with eyes may cause slight irritation.

Health Effects - Skin
Contact with skin may cause slight irritation.

Health Effects - Ingestion
Ingestion of large quantities of this material may cause gastrointestinal effects such as nausea, vomiting, diarrhea, and abdominal cramps.

Health Effects - Inhalation
No adverse effects are expected during normal conditions of use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS Number	Concentration
Sorbitol	50-70-4	30 - 50%
Amorphous Silicon Dioxide	7631-86-9	20 - 30%
Glycerine	56-81-5	1 - 10%

4. FIRST AID MEASURES

Eyes
Immediately flood the eye with plenty of water for at least 15-20 minutes, 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.

Advice 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.

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

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective clothing. Wipe up and transfer into suitable containers for recovery or disposal. Prevent the material from entering drains or watercourses.

7. HANDLING AND STORAGE

Store in original container in a cool, dry place. Store away from children and pets. Avoid contact with eyes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards
Exposure limits are listed below, if they exist.

Sorbitol
None established

Amorphous Silicon Dioxide
None established

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

Engineering Control Measures
No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection
Not required under normal conditions of use.
Hand Protection
Protective gloves.
Eye Protection
Not required under normal conditions of use.
Body Protection
Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid (paste)
Color	Translucent tan
Odor	Fish
pH	No data available
Specific Gravity	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
Explosion Limits (%)	No data available
Vapor Pressure	No data available
Density	No data available
Solubility in Water	No data available
Vapor Density (Air = 1)	No data available

10. STABILITY AND REACTIVITY

Stability
Stable under normal conditions.
Conditions to Avoid
Heat - high temperatures
Materials to Avoid
Strong oxidizers
Hazardous Polymerization
Will not occur.
Hazardous Decomposition Products
Oxides of carbon - acrolein

11. TOXICOLOGICAL INFORMATION

See product packaging for additional information.
Acute Toxicity
Sorbitol: Oral LD50 (rat) 15,900 mg/kg
Glycerin: Oral LD50 (rat) 12,600 mg/kg
Amorphous Silicon Dioxide: Oral LD50 (rat) >5000 mg/kg Dermal LD50 (rabbit) >5000 mg/kg
Specific Target Organ Systemic Toxicity (single and repeat)
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.
Serious Eye damage/Eye Irritation
Glycerin: Animal studies have shown glycerin to be not irritating or slightly irritating to eyes.

11. TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation
Glycerin: Human skin tests have shown glycerin to be slightly irritating.
Respiratory or Skin Sensitization
No relevant studies identified.
Carcinogenicity
Not considered carcinogenic by NTP, IARC, and OSHA.
Germ Cell Mutagenicity
No relevant studies identified.
Toxicity to Reproduction
No relevant studies identified.

12. ECOLOGICAL INFORMATION

Mobility
No relevant studies identified.
Persistence/Degradability
No relevant studies identified.
Bio-accumulation
No relevant studies identified.
Ecotoxicity
Amorphous Silicon Dioxide: LC50 Fish (Brachydanio rerio) 1000 mg/l 96hr
EC50 Daphnia Magna >1000 mg/l 24 hr
EC50 Algae (scenedesmus subspicatus) ≥10000 mg/l 72hr

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Contact supplier for transport information.

15. REGULATORY INFORMATION

US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS

TSCA Listing
This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Substance (TSCA) Inventory.
DSL (Canadian) Listing
This product contains ingredients that have not been verified for listing on the Domestic Substance List (DSL).
WHMIS Classification
This product is not a controlled substance under WHMIS.
This product was classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required by these regulations.
MA Right To Know Law
This product contains the following chemicals on the Massachusetts Right to Know Law: None
PA Right To Know Law
This product contains the following chemicals on the Pennsylvania Hazardous Substance List:
Glycerin (56-81-5) – Amorphous Silicon Dioxide (7631-86-9) – Acetic Acid (64-19-7)<0.1%

15. REGULATORY INFORMATION

NJ Right To Know Law
This product contains the following chemicals on the New Jersey Workplace Hazardous Substance List: Amorphous Silicon Dioxide (7631-86-9)
California Proposition 65
This product contains the following chemicals 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
SARA Title III Sect. 313
This product contains the following chemicals that are listed in Section 313 at or above de minimis concentrations: None

16. OTHER INFORMATION

NFPA Ratings
NFPA Code for Flammability - 0
NFPA Code for Health - 1
NFPA Code for Reactivity - 0
NFPA Code for Special Hazards – 0

HMIS Ratings
HMIS Code for Flammability - 0
HMIS Code for Health - 1
HMIS Code for Reactivity - 0
HMIS Code for Personal Protection - See Section 8

Abbreviations
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

For further Information call: (800) 338-3659

Prepared By: EnviroNet LLC

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