

SAFETY DATA SHEETS

This SDS packet was issued with item:

078013159

N/A

MATERIAL SAFETY DATA SHEET**MSDS # 3510-88****Identity: C.E.T.® Oral Hygiene Rinse****Product Code: CET501 Page 1 of 2****Section I****Supplier Information:****Emergency Telephone Number**

Name: VIRBAC CORP. (Virbac AH Inc.,
Allerderm®, Francodex®, Mardel®, St.
JON®, PMResources, Zema®)
Address: P. O. BOX 162059
City: FORT WORTH
State: TX 76161

Contact: POISON CONTROL CENTER or 911

Telephone Number for Information
Contact Virbac: 800/338-3659

Section II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	STEL	CAS #	% (opt.)
Product Considered Non Hazardous (Special Chemical Identification; Common Name)					
Chlorhexidine Gluconate	Not Applicable	Not Applicable	Not Applicable		0.12%
Cetylpyridinium Chloride	Not Applicable	Not Applicable	Not Applicable		0.05%
Zinc	Not Applicable	Not Applicable	Not Applicable		
Alcohol-Free Vehicle	Not Applicable	Not Applicable	Not Applicable		

Section III - Physical/Chemical Characteristics

Boiling Point:	Not Applicable
Specific Gravity (H₂O = 1):	1.0-1.2
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:	Complete
Appearance and Odor:	Clear Colorless Liquid

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used):	Not Flammable.
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): None
Hazardous Decomposition or Byproducts:	None
Hazardous Polymerization	WILL NOT OCCUR
Conditions to Avoid:	None

MATERIAL SAFETY DATA SHEET**MSDS # 3510-88****Identity: C.E.T.® Oral Hygiene Rinse****Product Code: CET501 Page 2 of 2****Section VI - Health Hazard Data**

Routes of Entry: Inhalation? NO Skin? NO Ingestion? Yes
Considered Non-Hazardous
Health Hazards (Acute and Chronic):
Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure:
May produce transient eye irritation

Medical Conditions Generally Aggravated by Exposure: None presently known.

Emergency and First Aid Procedures

INGESTED: Call a physician or Poison Control Center.
SKIN CONTACT: Wash affected areas promptly with soap and water. Rinse thoroughly.
EYE CONTACT: Rinse eyes with water for a minimum of 15 minutes and call a physician if irritation persists.
INHALATION: Should not cause breathing problems.

Note to Physician:

This solution has a low oral and dermal toxicity, and is minimally irritating to the eyes and practically non-irritating to the skin. Treatment is controlled removal of exposure followed by symptomatic and supportive care.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Dike and contain spill. Mop up, flush with water.
Waste Disposal Method: Dispose of in accordance with all applicable federal, state, and local laws.
Precautions to be Taken in Handling or Storage: Store in a tightly closed container.
Other Precautions: Keep out of the reach of children.

Section VIII - Control Measures

Respiratory Protection: None required.
Ventilation Local Exhaust: Not Applicable
Special: Not Applicable
Mechanical (General): Not Applicable
Protective Gloves: Rubber gloves for prolonged or repeated exposure
Eye Protection: Glasses or goggles
Other Protective Clothing or Equipment: None required.
Work/Hygienic Practices: Wash hands after using.

Section IX - Additional Information

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 QA Department
New MSDS Dated: 10/29/2001
Supersedes MSDS Date: 05/24/2001



SAFETY DATA SHEET

C. E. T.® Oral Hygiene Rinse

1. IDENTIFICATION

Product Name	C. E. T.® Oral Hygiene Rinse
Recommended use of the chemical and restrictions on use	
Identified uses	Oral hygiene rinse for cats and dogs
Restrictions on Use	For veterinary use only
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	August 27, 2012

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	0%
Acute dermal toxicity	<10%
Acute inhalation toxicity	<10%
Acute aquatic toxicity	<10%

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms:

This product is a mixture.

Component Name	CAS Number	Concentration
Chlorhexidine Gluconate	18472-51-0	0.12%
Sorbitol	50-70-4	10 - 20%
Glycerine	56-81-5	45 - 55%

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 at room temperature. 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/m³ 8h TWA.

OSHA: PEL 5 mg/m³ 8h TWA respirable fraction
15mg/m³ 8h TWA total dust

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

Gloves

Eye/Face Protection

Not required under normal conditions of use.

Body Protection

Normal work wear.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

	Physical State	Liquid
	Color	Hazy light blue
Odor		No data available
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

Incompatible Materials

Strong oxidizers

Hazardous Decomposition Products

Oxide of carbon



11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chlorhexidine Gluconate

Oral LD50 (rat, female) 2000 mg/kg (analogous compound)

Dermal LD50 (rabbit) >5000mg/kg

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

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

Chlorhexidine Gluconate: Irritating to the eye. (analogous compound)

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

Not considered carcinogenic by NTP, IARC, and OSHA.

Germ Cell Mutagenicity

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

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

Chlorhexidine Gluconate

LC50 Oncorhynchus Mykiss (Rainbow trout, Donaldson trout) 1.9 ppm/96 hr (analogous compound)

LC50 Lepomis macrochirus (Bluegill sunfish) 0.6 ppm/96 hr (analogous compound)

Mobility in soil

No relevant studies identified.



12. ECOLOGICAL INFORMATION

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 are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Substance (TSCA) 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

Immediate (acute)

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%



16. OTHER INFORMATION

Legend

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: August 27, 2012
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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