



SECTION 1: IDENTIFICATION	
1.1 Product identifier	
Product name:	EpiKlean Ear Cleanser
Synonyms:	None
Proper Shipping name:	Not applicable
Other means of identification:	None
1.2 Relevant identified uses of the substances or mixture and uses advised against	
Recommended uses:	Ear cleanser for dogs and cats
Uses advised against:	Not for human use.
1.3 Details of the supplier of the substance or mixture	
Registered company name (US):	Dechra Veterinary Products LLC
Address:	7015 College Blvd Suite 525 Overland Park KS 66211 USA
Telephone:	+1 (866) 933 2472
Fax:	Not available
Website:	www.dechra.com
Email:	Not available
Distributor name (Canada):	Dechra Veterinary Products
Address:	1 Holiday Ave, East Tower, Suite 345 Pointe-Claire, QC H9R 5N3 Canada
Telephone:	+1 (855) 332 9334
Website:	www.dechra.ca
Email:	Not Available
1.4 Emergency Telephone Numbers	
Dechra (US):	+1 (866) 933 2472
Dechra (CA):	+1 (855) 332 9334

SECTION 2: HAZARDS IDENTIFICATION	
<p>2.1 Classification of the substance or mixture</p> <p>NFPA 704 Diamond</p> 	<p>Canadian WHMIS Symbol:</p> 
2.2 Label Elements	
Hazard Pictogram:	
Signal Word:	WARNING
Hazard statement(s):	
H319 Causes serious eye irritation	
Supplementary Statement(s) EU:	
	Not applicable
Precautionary Statement(s) Prevention:	
	Not applicable.
Precautionary Statement(s) Response:	
	Not applicable.
Precautionary Statement(s) Storage:	
	Not applicable.
Precautionary Statement(s) Disposal:	
	Not applicable.
2.3 Other Hazard Information	
The mixture does not contain Substances of Very High Concern (SVHC) at the SDS print date.	



SECTION 3: INFORMATION ON THE INGREDIENTS

3.1 Substances

See section below for composition of mixtures

3.2 Mixtures

1.CAS No 2.EC Number 3.Index Number 4.REACH Number	% Weight	Name
64-17-5	1-10	Ethanol
57-55-6	1-10	Propylene glycol
Other ingredients	Not indicated	Ingredients determined not to be hazardous

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact:	Accidental spillage on the eyes should be washed off with plenty of water. If pain or irritation occurs, seek medical advice and show the package leaflet or the label to the medical practitioner.
Skin contact:	Accidental spillage on the skin should be washed off with plenty of water. If irritation occurs, seek medical advice and show the package leaflet or the label to the medical practitioner.
Inhalation:	Inhalation is highly unlikely due to the nature of the product and how it is packaged and administered. If irritation or difficulty in breathing occurs, seek urgent medical advice and show the package leaflet or the label to the medical practitioner. Remove the patient from the contaminated area. Lay the patient down, keep warm and rested.
Ingestion:	Ingestion is highly unlikely due to the nature of the product and how it is packaged and administered. If swallowed, seek medical advice and show the package leaflet or the label to the medical practitioner. Remove material and give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact:	May cause serious eye irritation.
Skin contact:	May cause any skin irritation.



Ingestion:	May cause discomfort, nausea and vomiting if ingested in large quantities
See Section 11 for more detailed information	
4.3 Indication of immediate medical attention and special treatment needed	
Treat symptomatically.	

SECTION 5: FIRE FIGHTING MEASURES	
5.1 Extinguishing media	
Suitable:	Select extinguishing media suitable for surrounding area
Unsuitable:	There is no restriction on the type of extinguisher which may be used
5.2 Special hazards arising from the substance or mixture	
Fire incompatibility:	None known
5.3 Special protective actions for fire-fighters:	
Firefighting:	Use water delivered as a fine spray to control fire and cool adjacent area. Do not approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Equipment should be thoroughly decontaminated after use.
Fire / explosion hazard:	Extremely high temperatures such as encountered in a fire may produce hazardous fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES	
6.1 Personal precautions, protective equipment and emergency procedures	
For information on protective equipment, see section 8	
6.2 Environmental Precautions	
See section 12	
6.3 Methods and material for containment and cleaning up	
Spills are unlikely due to the nature of the product and how it is packaged	
Minor Spills:	Small spills should be cleaned up and placed in a closed container for disposal.
Major Spills:	Large spills should be diked and contained and then absorbed with non reactive materials and place in disposal drums.



SECTION 7: HANDLING AND STORAGE	
7.1 Precautions for safe handling	
Safe Handling:	Always wash hands with water after handling. Observe manufacturer's storage and handling recommendations.
Other Information:	Store at controlled room temperature of 20-25°C (68-77°F). Keep out of the reach and sight of children.
7.2 Conditions for safe storage, including any incompatibilities	
Suitable Container:	8 fl oz. bottle, 12 fl oz. bottle, 32 fl oz. bottle
Storage incompatibility:	No known incompatibilities.
7.3 Specific end uses	
Not available	

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION				
8.1 Control parameters				
DERIVED NO EFFECT LEVEL – DNEL (EU)				
Not Available				
PREDICTED NO EFFECT LEVEL – PNEC (EU)				
Not Available				
OCCUPATIONAL EXPOSURE LIMITS (OEL)				
INGREDIENT DATA				
Not Available				
EMERGENCY LIMITS (EU/US):				
Ingredient	Material Name	TEEL-1	TEEL-2	TEEL-3
EpiKlean Ear Cleanser	Not Available	Not Available	Not Available	Not Available
Ethanol	Not Available	Not Available	Not Available	Not Available
Propylene glycol	Propylene glycol	30 mg/m ³	330 mg/m ³	2000mg/m ³
Ingredient		Original IDLH		Revised IDLH
EpiKlean Ear Cleanser		Not Available		Not Available

Propylene glycol	Not Available	Not Available
Ethanol	3300 ppm	Not Available

8.2 Exposure controls	
Appropriate engineering controls:	The basic types of engineering controls are: Process controls which involve changing the way a job activity or process is done to reduce the particular risk.
Personal protection:	
Eye and face protection:	Safety glasses with side shields / chemical goggles
Skin protection:	See hand protection below
Hands/ feet protection:	No special equipment needed when handling small quantities. OTHERWISE: Wear chemical protective gloves
Body protection:	Wear appropriate clothing
Other protection:	No special equipment needed when handling small quantities
Thermal hazards:	Not applicable
Respiratory protection:	Not applicable
8.3 Environmental exposure controls	
See Section 12	



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Clear light blue liquid
Container: 8 fl oz. bottle, 12 fl oz. bottle, 32 fl oz. bottle,
Physical state: Liquid
Odour: mild, characteristic apple odour
Melting point / freezing point (degrees C): Not applicable
Initial boiling point and boiling range: Not available
Flash Point: Not applicable
Evaporation rate Not applicable
Flammability: Not available
Upper/lower flammability or explosive limits: Not available
Vapour pressure: Not applicable
Specific Gravity: Not available
Solubility in water and solvents (mg/l): Miscible in water
Auto ignition temperature (degrees C): Not available
Decomposition temperature (degrees C): Not available
Viscosity: (degrees C): Not available
Explosive properties: Not available
Oxidising properties: Not available
Partition Coefficient: Not available
Taste: Not applicable
Surface tension: Not available
Volatile component: Not available
Gas group: Not applicable
pH: 3.5-4.5
VOC g/L: Not applicable

9.2 Other information
 Not Available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:	See Section 7.
10.2 Chemical stability:	Product is considered stable. Hazardous polymerisation will not occur.
10.3 Possibility of hazardous reactions:	The product is not considered to be hazardous if used as per instructions. Hazardous polymerisation will not occur.
10.4 Conditions to avoid:	Protect from light.
10.5 Incompatible materials:	See section 7.
10.6 Hazardous decomposition:	See Section 5.



SECTION 11: TOXICOLOGICAL INFORMATION		
Inhalation:	Not expected to cause any irritation of the respiratory tract	
Ingestion:	May cause discomfort, nausea and vomiting if ingested in large quantities	
Skin contact:	May cause skin irritation	
Eye contact:	Can cause burning and irritation to eyes with attendant tearing and redness	
Chronic:	Long term exposure is not thought to produce chronic effects	
EpiKlean Ear Cleanser:	Toxicity	Irritation
	Not available	Not available
Ethanol	Toxicity	Irritation
	Inhalation (rat) LC50: 124.7 mg/l/4H [2] Oral (rat) LD50: 1501 mg/kg [2]	Eye (rabbit): 500mg SEVERE Skin (rabbit): 400mg (open) - mild
Propylene glycol	Toxicity	Irritation
	Dermal (rabbit) LD50: 11890 mg/kg [2] Inhalation (rat) LC50: > 44.9 mg/l/4H [2] Oral (rat) LD50: 20000 mg/kg [2]	Eye (rabbit): 100 mg – mild Skin (human): 500 mg/ 7 days mild

1.* Value obtained from manufacturer's SDS. Unless otherwise specified, data extracted from RTECS - Register of Toxic Effect of chemical Substances

Skin corrosion/irritation:
May cause any skin irritation.
Serious eye damage/irritation:
May cause eye irritation
Respiratory or skin sensitization:
Not expected to be a respiratory sensitization. Not a skin sensitizer.
Germ cell mutagenicity:
Not available
Carcinogenicity:
Not expected to be carcinogenic.
Reproductive toxicity:
Not expected to cause reproductive effects



STOT – single exposure:
Not available
STOT–repeated exposure:
Not available
Aspiration hazard:
Not available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ingredient	Endpoint	Test duration (hr)	Species	Value	Source
EpiKlean Ear Cleaner	Not available	Not available	Not available	Not available	Not available
Ethanol	LC50	96	Fish	11 mg/l	2
	EC50	48	Crustacea	2 mg/kl	4
	EC50	96	Algae or other aquatic plants	17.92 mg/l	4
	NOEC	2016	Fish	0.000375 mg/l	4
Propylene glycol	LC50	96	Fish	>19 mg/l	2
	EC50	48	Crustacea	43-500 mg/l	2
	EC50	96	Algae or other aquatic plants	19 mg/l	2
	NOEC	168	Fish	11-530 mg/l	2

DO NOT discharge into sewer or waterways.

12.2 Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
Ethanol	LOW (Half-life = 2.17 days)	LOW (Half-life = 5.08 days)
Propylene glycol	LOW	LOW

12.3 Bioaccumulative potential

Ingredient	Bioaccumulative Potential
Ethanol	LOW (LogKOW = -0.31)
Propylene glycol	LOW (BCF=1)

12.4 Mobility in Soil

Ingredient	Mobility
Ethanol	HIGH (KOC=1)



Propylene glycol	HIGH (KOC=1)
12.5 Results of PBT and vPvB assessment	
Not Available	
12.6 Other adverse effects	
Not Available	

SECTION 13: DISPOSAL CONSIDERATIONS	
13.1 Waste treatment methods	
Product / packaging disposal:	<p>Any unused veterinary medicinal product or waste material derived from such veterinary medicinal products should be disposed of in accordance with national requirements.</p> <p>Legislation addressing waste disposal requirements may differ by country, state and/or territory. Each user must refer to laws operating in their area.</p> <p>Recycle wherever possible or consult manufacturer for recycling options. Consult State Land Waste Management Authority for disposal. Bury residue in an authorized landfill. Recycle containers if possible, or dispose of in an authorized landfill.</p> <p>Shelf life considerations should also be applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate. Where in doubt contact the responsible authority.</p> <p>Ensure that the disposal of material is carried out in accordance with Hazardous Substances (Disposal) Regulations 2001.</p>
Waste Treatment Options:	Not Available
Sewage Disposal Options:	Not Available



SECTION 14: TRANSPORT INFORMATION

Labels required:	
Marine pollutant:	NO
Land transport (US: DOT / TDG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS	
Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS	
Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS	
Transport in bulk according to Annex II of MARPOL and the IBC code: Not applicable	

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

ETHANOL IS FOUND IN THE FOLLOWING REGULATORY LISTS:
 USA: GESAMP/EHS / IMO IBC / IMO MARPOL / US ATSDR / TEELs / TLV / US DOT / TSCA / TERA / WEEL / REL / TSCA
 Canada: OELs / DSL / WHMIS GHS / IMO IBC / IMO MARPOL . IATA / IMDG Code

PROPYLENE GLYCOL IS FOUND IN THE FOLLOWING REGULATORY LISTS:
 USA: GESAMP/EHS / IMO IBC / IMO MARPOL / US ATSDR / TEELs / US DOT / TSCA / TERA / WEEL
 Canada: DSL / WHMIS GHS / GESAMP/EHS / IMO IBC / IMO MARPOL

FEDERAL REGULATIONS:

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 311/312 Hazard Categories

Immediate (acute) health hazard	NO
Delayed (chronic) health hazard	NO
Fire hazard	NO
Pressure hazard	NO
Reactivity hazard	NO

US. EPA Cercla Hazardous Substances and Reportable Quantities (40 CFR 302.4)
 None reported

STATE REGULATIONS:

US. CALIFORNIA PROPOSITION 65
 None reported



National Inventory	Status
Australia - AICS	Yes
Canada - DSL	Yes
Canada - NDSL	No (propylene glycol)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	Yes
Japan - ENCS	Yes
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	Yes
Taiwan – TCSI	Yes
Mexico – INSQ	Yes
Vietnam – NCI	Yes
Russia – ARIPS	Yes
Legend:	<i>Y = All ingredients are on the inventory N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing (see specific ingredients in brackets)</i>



SECTION 16: OTHER INFORMATION

The SDS is written in accordance to guidelines specified by REACH, GHS, WHMIS and OSHA.

Definitions and abbreviations

PC – TWA: Permissible Concentration-Time Weighted Average

PC – STEL: Permissible Concentration-Short Term Exposure Limit

STEL: Short Term Exposure Limit

TEEL: Temporary Emergency Exposure Limit

IDLH: Immediately Dangerous to Life or Health Concentrations

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