



SECTION 1: IDENTIFICATION	
1.1 Product identifier	
Product name:	TrizCHLOR Flush
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:	Antiseptic, antibiofilm 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	
2.1 Classification of the substance or mixture	
NFPA 704 Diamond	
	
2.2 Label Elements	
Hazard Pictogram:	Not applicable
Signal Word:	Not applicable
Hazard statement(s):	
Not applicable	
Precautionary Statement(s) Prevention:	
	Not applicable
Precautionary Statement(s) Response:	
	Not applicable
Precautionary Statement(s) Storage:	
	Not applicable
Precautionary Statement(s) Disposal:	
	P501 Dispose of contents / containers in accordance with local regulations
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
18472-51-0	0-1	0.15% Chlorhexidine gluconate
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:	Not expected to cause eye irritation.
Skin contact:	Not expected to cause 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
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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	
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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 no 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 room temperature. Keep out of the reach and sight of children.
7.2 Conditions for safe storage, including any incompatibilities	
Suitable Container:	4 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
TrizCHLOR Flush	Not Available	Not Available	Not Available	Not Available
Ingredient	Original IDLH		Revised IDLH	
TrizCHLOR Flush	Not Available		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
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 colourless liquid
Container: 4 fl oz. bottle
Physical state: Liquid
Odour: No discernable 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): Immiscible 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: 7.8-8.2
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:	Not expected to cause skin irritation	
Eye contact:	Not expected to cause eye irritation	
Chronic:	Long term exposure is not thought to produce chronic effects	
TrizCHLOR Flush :	Toxicity	Irritation
	Not available	Not available
Chlorhexidine gluconate	Toxicity	Irritation
	Oral (rat): LD50: 2000mg/kg[2]	Not available

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

Skin corrosion/irritation:
Not expected to cause any skin corrosion/ irritation. Rare but serious allergic reactions have been reported with exposure to chlorhexidine gluconate.
Serious eye damage/irritation:
Not expected to cause eye damage/ 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
TrizCHLOR Flush	Not available	Not available	Not available	Not available	Not available
Chlorhexidine gluconate	LC50	96	Fish	0.070 mg/l	2
	EC50	48	Crustacea	0.011 mg/l	2
	EC50	72	Algae or other aquatic plants	0.011 mg/l	2
	BCF	24	Algae or other aquatic plants	0.05 mg/l	4
	NOEC	72	Algae or other aquatic plants	0.007 mg/l	2

DO NOT discharge into sewer or waterways.

12.2 Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
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No data available

12.3 Bioaccumulative potential

Ingredient	Bioaccumulative Potential
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No data available

12.4 Mobility in Soil

Ingredient	Mobility
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No data available

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:	Any unused veterinary medicinal product or waste material derived from such veterinary medicinal products should be disposed of in accordance with national requirements.
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	<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 authorised landfill. Recycle containers if possible, or dispose of in an authorised 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 Products Regulations (Canada, 2015).</p>
Waste Treatment Options:	Not Available
Sewage Disposal Options:	Not Available

SECTION 14: TRANSPORT INFORMATION

Labels required: NO

Marine pollutant: NO

Land transport (DOT): 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 MARPOL73/78 and the IBC Code | N/A



SECTION 15: REGULATORY INFORMATION

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

CHLORHEXIDINE GLUCONATE IS FOUND IN THE FOLLOWING REGULATORY LISTS:

USA: IATA/ IMDG Code/ DOT/ USPS/ TSCA
 Canada: DSL/ IATA/ IMDG Code

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 (chlorhexidine gluconate)
China – IECSC	Yes
Europe - EINEC / ELINCS / NLP	Yes
Japan – ENCS	No (chlorhexidine gluconate)
Korea – KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	No (chlorhexidine gluconate)
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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