

1. IDENTIFICATION																			
Product Name	Guardclean			Manufacturer	Deencleen														
Registration			Address	1911 Albion Rd Etobicoke, On M9W 5S8 Canada															
Indication	Oral Appliance Cleaner			Phone	416-262-6286														
				Fax															
Emergency Phone #	CHEMTRAC			1-800-424-9300	CANUTEC	1-613-996-6666													
2. HAZARD IDENTIFICATION																			
Symbol Pictogram	Not Applicable			Signal Word	Not Applicable														
				Symbol	Not Applicable														
Classification	Not Applicable																		
Health Hazard	No Serious Health Hazards				Environmental Hazards		Biodegradeable												
Precautionary & Hazard Statements	P102: Keep out of reach of children and pets. P301: IF SWALLOWED: Drink large quantities of water or milk. P305: IF IN EYES: Flush eyes with large quantities of water. H302: Harmful if swallowed.																		
3. COMPOSITION																			
Chemical	CAS #		LD-50 (Oral, mg/kg)(Rat)	Concentration (%)															
Ethanol	64-17-5		7,060	9.5%															
Chlorhexidine Gluconate	18472-51-0		2,000	0.12%															
Xylitol	87-99-0		4,000	0.6%															
4. FIRST AID MEASURES																			
Inhalation	If breathing is difficult, remove individual to fresh air.			Ingestion	Drink large quantities of milk or water to dilute. Do not induce vomiting.														
Skin Contact	No adverse effects.			Eye Contact	Flush with plenty of water.														
Most Important Symptoms and Effects (Acute and Delayed)																			
May cause mild reversible irritation if there is eye contact or is inhaled.																			
Indication of any Immediate Medical Attention and Special Treatment Needed																			
Not Applicable.																			
5. FIREFIGHTING MEASURES																			
Non-flammable.																			
6. ACCIDENTAL RELEASE																			
Use all means to prevent spillage.																			
7. HANDLING & STORAGE																			
Store in a cool, dry, well ventilated location. Keep away from heat, sparks and flames.																			
DO NOT mix with bleach or peroxides. Storage and Transport: 5°- 30°C																			
8. EXPOSURE CONTROLS/ PERSONAL PROTECTION																			
No specific measures required.																			
9. PHYSICAL AND CHEMICAL PROPERTIES																			
Physical State	Colour	Odour	Solidification point	Boiling point	Flash Point	Density	pH	Kinematic Viscosity											
Transparent, Liquid	Light Blue	Mint	-5°C	105°C	N/A	6.5	9.0	12 mm <sup>2</sup> /s											
10. STABILITY AND REACTIVITY																			
Stable under normal conditions. Incompatibility: Strong oxidants, acid chlorides, silver salts Decomposition: Products: CO <sub>2</sub> , CO																			
11. TOXICOLOGICAL DATA																			
Acute Dermal Toxicity	Not found to be dermal sensitizer				Acute Oral	N/A													
Ocular Irritation	N/A				Acute Inhalation Toxicity	N/A													
Reproductive Hazards	Ingestion/inhalation can be harmful. (TDLo 300mg/Kg Ethanol)				Carcinogenicity	Ingestion of Ethanol IARC Group 1.													
CAUTION: Xylitol is toxic to dogs, rabbits, cows, baboons and horses when consumed.																			
12. ECOLOGICAL INFORMATION																			
Surfactants are readily biodegradable in soil and water. Persistence unlikely based on available data.																			
Ethanol	EC50 (72h) = 275 mg/l (Chlorella vulgaris)		Fathead minnow (Pimephales promelas) LC50 = 14200 Mg/L/96h		Photobacterium Phosphoreum:EC50 = 34634 Mg/L/30 min Photobacterium Phosphoreum:EC50 = 35470 Mg/L/5 min	EC50 = 9268 mg/L/48h EC50 = 10800 mg/L/24h													
13. DISPOSAL CONSIDERATIONS																			
Domestic.																			
14. TRANSPORT INFORMATION																			
Not regulated																			
N/A	Land			Sea		Air (IATA)													
	N/A			N/A		N/A													
	N/A			N/A		N/A													
	N/A			N/A		N/A													
15. REGULATORY INFORMATION																			
TSCA – No reporting required.				CERCLA – No hazardous pollutants or ozone depletion.															
16. OTHER INFORMATION																			
The information and recommendations contained herein are based on information believed to be correct. It is offered in good faith, without guarantee. Deencleen. make no warranty expressed or implied.																			
Effective Date: 2025/09/10			Revision Date: 2025/09/10			Document: GUARDCLEEN													