

1. IDENTIFICATION									
Product Name		Guardclean			Manufacturer		Deenclean		
Registration				Address		1911 Albion Rd Etobicoke, On M9W 5S8 Canada			
Indication		Oral Appliance Cleaner			Phone		416-262-6286		
					Fax				
Emergency Phone #		CHEMTREC			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		<p>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.</p> <p>H302: Harmful if swallowed.</p>							
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 mm²/s	
10. STABILITY AND REACTIVITY									
Stable under normal conditions. Incompatibility: Strong oxidants, acid chlorides, silver salts Decomposition: Products: CO₂, 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. Deenclean. make no warranty expressed or implied.									
Effective Date: 2025/09/10			Revision Date: 2025/09/10				Document: GUARDCLEEN		