

SAFETY DATA SHEET

Identity:		Water Preservative, sterile, Solution				
Section I						
Manufacturer: Opto-Pharm Pte Ltd		Emergency Telephone:		65-68614801		
Address: No.13, Tuas Avenue 12, Singapore 639035		Telephone: 65-68614801		Fax: 65-68614806		
		Date Prepared:		05 Jul 2021		
		Prepared By:		Ng Guan Yang		
Section II Material Identification Information						
Components (Chemical Names & Common Name) Hazardous Component 1% or greater, Carcinogens 0.1% or greater		CAS No.	%	OSHA PEL	ACGIH TLV	OTHER LIMITS
Chlorhexidine Digluconate		18472-51-0	0.9 – 5.1	-	-	-
Propylene Glycol		57-55-6	9.0 – 21.0	-	-	-
Section III Physical/ Chemical Characteristics						
Physical State:		LIQUID	Specific Gravity (H ₂ O=1)		≥1	
Boiling Point:		100°C	Melting Point:		N/A	
Vapour Pressure (mm Hg):		N/A	Evaporation Rate (Water = 1):		≥1	
Vapour Density (Air = 1):		Unknown	Water Reactive:		None	
Solubility in Water:		Good	Percent Volatile:	N/A	pH:	5.0 -- 7.0
Appearance and Odour:		Clear, Colourless Liquid, Odourless				
Section IV Fire and Explosion Data						
Flash Point:		Non-Flammable				
Flammability Limits in Air % by Volume:		N/A				
Extinguisher Media:		Carbon Dioxide, Water, Foam				
Special Fire Fighting Procedure:		None	Auto Ignition temperature:		N/A	
Unusual fire and Explosion Hazards:		None	LEL:	N/A	UEL:	N/A
Section V Stability and Reactivity						
Stability		Unstable:	No		Conditions to Avoid: None	
		Stable:	Yes			
Incompatibility (Materials to Avoid):		N/A				
Hazardous Decomposition Products:		N/A				
Hazardous Polymerization May Occur:		May Occur:	No		Conditions to Avoid: None	
		May Not Occur:	Yes			
READ LABEL OR INSTRUCTION BEFORE USING.						
Section VI Hazards Identification						
No hazardous product as specified in Directive 93/42/EEC, 67/548/EEC						

Section VII Health Hazard Data - Potential Acute Health Effects				
Eye Contact:	PRODUCT IS INTENDED FOR USE IN OCULAR AREA, May cause irritation			
Skin Contact:	May cause irritation			
Inhalation:	May cause discomfort			
Ingestion:	MAY CAUSE STOMACH DISCOMFORT IF LARGE AMOUNT INGESTED.			
Identity:	Irrigation solution. Rinsing solution			
Section VIII Health Hazard Data (Toxicological)				
Emergency First Aid Procedure:	SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATION AND SUPPORT IF NECESSARY.			
Eye Contact	NORMALLY NOT REQUIRED. Remove contaminated cloth and rinse skin thoroughly with water.			
Skin Contact:	NORMALLY NOT REQUIRED. Flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.			
Inhalation:	NORMALLY NOT REQUIRED. Move into fresh air and keep at rest.			
Ingestion:	Drink plenty of water. If uncomfortable, seek medical attention.			
TOXICOLOGICAL INFORMATION	Chlorhexidine Digluconate Toxicity Data: ORL-RAT LD50: 5 G/KG Propylene Glycol Toxicity Data: ORL-RAT LD50: 5 G/KG Practically non-toxic			
Section IX Exposure Control and Protective Measures				
Respiratory protection (Specify Type):	NONE			
Protection Gloves:	NONE		Eye Protection:	NONE
Ventilation to be Used:	Local Exhaust:	N/A	Special:	N/A
	Mechanical (General):	N/A	Other:	N/A
Other protective Clothing and Equipment:	NOT REQUIRED			
Hygienic Work Practices:	KEEP CONTAINER CLOSED, SINGLE USE ONLY. ALWAYS READ LABEL OR INSTRUCTION BEFORE USE.			
Section X Accidental Release Measures/ Leak procedure				
Step to be Taken of Material is Spilled or Released:	Ventilate area of leak or spill. Wipe with absorbent paper, use industrial cleaning compound.			
Procedures for cleaning:	Clean up affected area			
Section XI Precaution for Safety Handling and Use				
Precaution to be Taken in Handling and Storage:	KEEP AT ROOM TEMPERATURE (15 – 30° C) READ LABEL BEFORE USING.			
Other Precaution and/or Special Hazards:	KEEP FROM FREEZING. READ LABEL OR INSTRUCTION BEFORE USING			
HMIS Rating:	Health:0	Flammability: 0	Reactivity: 0	Personal protection 0
NFPA Rating:	Health:0	Flammability: 0	Reactivity: 0	Personal protection 0
Section XII Ecological Information				
Biological Degradation:	N/A			
Behavior in Environmental compartments:	No bioaccumulation is to be expected			

Ecologic data:	No ecological problems are to be expected when the product is handled and used with due care and attention
Section XIII Disposal Considerations	
Waste Disposal Methods:	IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATION.
Section XIV Transport Information	
Not subjected to transport regulations.	
Section XV Regulatory Information	
Product complies with Annex II of Directive 93/42/EEC	
Labeling is according to EU Directives and Singapore Regulations	

This information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent guarantee of the properties of the product.



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