



Safety Data Sheet

Issuing Date: 30 Sept 2020

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ECR# 27238

<i>Section 1. Identification</i>		
Domestic Product Name:	0.12% Chlorhexidine Gluconate Oral Rinse	Part Number: 2193B
Export Product Name:	0.12% Chlorhexidine Gluconate Oral Rinse	
Manufacturer:	Xttrium Laboratories, Inc. 1200 East Business Center Drive Mt. Prospect, IL 60056	Phone: 773-268-5800 Fax: N/A
Chemical Use: Topical fluoride treatment. For professional use only. Do not use on persons hypersensitive to fluoride or other formula ingredients.		

<i>Section 2. Hazard(s) Identification</i>		
Appearance:	The product as manufactured is a liquid.	Ratings:
Classification:	Eye Irritation: 2A Skin Irritation: 2 Flammability: 3 Reactivity: 0 Environment (Air-Water-Soil): No information available Special Hazards: No information available	Minimal 0 Slight 1 Moderate 2 Severe 3 Extreme 4
Signal Word:	Danger	
Hazard Information:	Hazard Statements: H350 ó May cause cancer H225 ó Highly flammable liquid and vapor H302 ó Harmful if swallowed  Pictograms:	
Precautionary Information:	Precautionary statements: P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P280 - Wear protective gloves/protective clothing/eye protection/face protection P308 + P313 - If exposed or concerned: Get medical advice/attention P405 - Store locked up P501 - Dispose of contents/container in accordance with local/regional/national/international regulations	
Other Hazards:	No applicable information available	

<i>Section 3. Composition and Information for Product Ingredients</i>			
Chemical Name	CAS #	Synonyms	% W/W
Water	7732-18-5	N/A	Trade Secret
Ethyl Alcohol	64-17-5	N/A	Trade Secret
Glycerin	56-81-5	N/A	Trade Secret
Chlorhexidine Digluconate	18472-51-0	N/A	Trade Secret
Sorbitan, Isoctadecanoate, Poly(oxy ó 1,2 ó ethanediyl) Derivatives	58205-96-2	N/A	Trade Secret
Sodium Saccharin	128-44-9	N/A	Trade Secret
C.I. Acid Blue 9, Disodium Salt	3844-45-9	N/A	Trade Secret

<i>Section 4. First Aid Measures</i>	
Exposure Scenario	First Aid Measures
Inhalation	No specific first aid necessary for this route of exposure.
Ingestion	Ingestion of large amounts may produce signs of alcohol intoxication. Seek medical attention.
Skin Contact	Wash with soap and water. Seek medical advice if skin irritation develops or persists.
Eye Contact	May produce transient eye irritation. Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.
General Precautions	No additional information available
Note to Physician	No additional information available

<i>Section 5. Fire Fighting Measures</i>	
Characteristic	Details
Flash Point	> 200 °F
Extinguishing Media	Use water spray, dry chemical, alcohol foam or CO2
Unusual Fire/Explosion Hazards	None known.
Special Protective Equipment	Firefighters should wear full protective gear.

<i>Section 6. Accidental Release Measures</i>	
Measure	Details
Personal Precautionary Measures	Avoid release to the environment.
Cleaning/Absorption Measures	Dilute with water. Keep away from ignition sources. Perform waste disposal in compliance with all applicable regulations. Flush down sewer with large quantities of water.

<i>Section 7. Handling and Storage</i>	
Action	Details
Handling	Avoid contact with eyes. Wash thoroughly after handling.
Storage	Handling/storage area must be well ventilated, cool and dry. Materials must be isolated from potential sources of ignition. Firefighting equipment must be available at all times.

Section 8. Exposure Controls and Personal Protection

Action	Details
Engineering Controls	None required under normal product handling conditions.
Respiratory Protection	None required under normal product handling conditions.
Protective Clothing	Wear suitable working clothes.
Eye Protection	None required under normal product handling conditions.
Ethyl Alcohol (64-17-5)	USA ACGIH STEL (ppm): 1000ppm USA OSHA PEL (TWA) (mg/m ⁸): 1900mg/m ⁸ USA OSHA PEL (TWA) (ppm): 1000ppm
Glycerin (56-81-5)	USA OSHA PEL (TWA) (mg/m ⁸): 5 mg/m ⁸

Section 9. Physical and Chemical Properties of Product

Characteristic	Details
Appearance	Clear blue liquid, minty
pH	No applicable information available
Specific gravity	1.0
Boiling point/ Boiling Range	No applicable information available
Melting point/ Freezing Point	No applicable information available
Flash Point	> 200 °F
Flammability	No applicable information available
Flammability & Explosive Limits	No applicable information available
Vapor Pressure	721 mm Hg
Vapor Density	No applicable information available
Relative Density	No applicable information available
Solubility	Water
Odor Threshold	No applicable information available
Evaporation Rate (nBuAc =1)	No applicable information available
Partition coefficient	No applicable information available
Auto-ignition temperature	No applicable information available
Decomposition temperature	No applicable information available
Viscosity	No applicable information available

Section 10. Stability and Reactivity of Product

Characteristic	Details
Reactivity/ Chemical Stability	The product is stable at normal handling and storage conditions
Hazardous Polymerization	Will not occur.
Conditions to Avoid	Protect from light, avoid acidic conditions, and avoid prolonged exposure to elevated temperatures. Maintain at or below 77°F and above 32°F.
Incompatible Materials	None
Hazardous Decomposition	Not determined

<i>Section 11. Health Hazard Information</i>	
Toxicity Category	Details
Acute Oral Toxicity	Not classified
Ethyl Alcohol (64-17-5)	
LC50 inhalation rat (mg/l)	124.7 mg/l/4h
ATE US (oral)	7060.000000 mg/kg
Glycerin (56-81-5)	
LD50 dermal rabbit	>10 g/kg
LC50 inhalation rat (mg/l)	>570 mg/m ⁸ (Exposure time: 1 hr)
ATE US (oral)	12600.000000 mg/kg
Chlorhexidine digluconate (18472-51-0)	
ATE US (oral)	500.00000 mg/kg
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	May cause cancer
Ethyl Alcohol (64-17-5)	
IARC group	1 ó Carcinogenic to humans
Sodium Saccharin (128-44-9)	
IACR group	3 ó Not classifiable
C.I. Acid Blue 9, Disodium Salt (3844-45-9)	
IARC group	3 ó Not classifiable
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified

<i>Section 12. Ecological Information</i>	
Characteristic	Details
Toxicity	
Ethyl Alcohol (64-17-5)	
LC50 fish 1	12.0 - 16.0 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2	2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
Glycerin (56-81-5)	
LC50 fish 1	51 - 57 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
Sodium Saccharin (128-44-9)	
LC50 fish 1	16400 ó 20400 mg/l (Exposure time: 96 h ó Species: Pimephales promelas [static])
Persistence and degradability	No additional information available
Bioaccumulative potential	
Ethyl Alcohol (64-17-5)	

Log Pow	-0.32
Glycerin (56-81-5)	
BCF fish 1	(no bioaccumulation)
Log Pow	-1.76
Sodium Saccharin (128-44-9)	
Log Pow	0.91
Mobility In soil	No additional information available
Other Adverse Effects	No additional information available

<i>Section 13. Disposal of Product</i>	
Measure	Details
Disposal Methods	Dispose of contents/container in accordance with local/regional/national/international regulations.
Disposal Container	No applicable information available
Waste Handling	No applicable information available

<i>Section 14. Transport Information</i>		
Land Transportation		
DOT	DOT Shipping Name	Not a dangerous good.
	UN/NA Number	None
	Hazard Class	None
	Packing Group	None

<i>Section 15. Regulatory Information</i>	
Category	Details
TSCA Inventory	Glycerin (56-81-5) - Y2 - indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.
California Proposition 65	Ethyl Alcohol (64-17-5) : CA Prop 65 ó Carcinogens List Ethyl Alcohol (64-17-5) : CA Prop 65 ó Developmental Toxicity Ethyl Alcohol (64-17-5) : CA Prop 65 ó Reproductive Toxicity Female Ethyl Alcohol (64-17-5) : CA Prop 65 ó Developmental Toxicity Male
U.S. - Massachusetts	Ethyl Alcohol (64-17-5) ó Right to Know List Glycerin (56-81-5) ó Right to Know List Sodium Saccharin (128-44-9) ó Right to Know List C.I. Acid Blue 9, Disodium Salt (3844-45-9) ó Right to Know List
U.S. ó Minnesota	Ethyl Alcohol (64-17-5) ó Hazardous Substance List Glycerin (56-81-5) ó Hazardous Substance List
U.S. ó New Jersey	Ethyl Alcohol (64-17-5) – Right to Know Hazardous Substance List Glycerin (56-81-5) ó Right to Know Hazardous Substance List
U.S. - Pennsylvania	Ethyl Alcohol (64-17-5) – RTK (Right to Know) List Glycerin (56-81-5) – RTK (Right to Know) List Sodium Saccharin (128-44-9) ó RTK (Right to Know) List

<i>Section 16. Other Information</i>
Preparation and Release Date: 30 Sept 2020 ECR # 27238
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