



AU: 1300 244 473 | NZ: 0800 424 769 | F: +61 3 8470 5490

W: www.biggreen.com.au | A: 34 Corporate Drive, Cannon Hill QLD 4170

For emergency medical assistance phone 000

For out of hours help with general safety information, phone the Customer Service number above.

Section 1. Product Information			
Product Name: Endozime SLR Super Concentrate	Manufactured by	RUHOF CORPORATION	Supplier
Product Code: 34528	Address	393 Sagamore Avenue, Mineola, NY 11501-1919 USA	Address
Product Use: Medical Instrument Cleaning		1800-537-8463	
Section 2 - Hazards Identification			
GHS Classification This product is not classified as hazardous			
Section 2.1 Label Elements			
Hazard Pictograms		Precautionary Statements	
Not Applicable		Prevention <ul style="list-style-type: none"> Wear eye/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. In case of inadequate ventilation wear respiratory protection. 	
Signal Word: Not Applicable		Eyes <ul style="list-style-type: none"> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. 	
Hazard Statements: Not Applicable		Inhalation <ul style="list-style-type: none"> IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. 	
Section 3 - Composition/Information on Ingredients			
Chemical Name	CAS-No	Weight %	Trade secret
Subtilisins (proteolytic enzymes)	9014-01-1	Below reportable limit	*
*The exact percentage (concentration) of composition has been withheld as a trade secret.			
4. FIRST AID MEASURES			
General Advice	If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.		
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Immediate medical attention is required.		
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.		
Inhalation	Move to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, give oxygen. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.		
Ingestion	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.		
5. FIRE-FIGHTING MEASURES			
Suitable Extinguishing Media			
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.			
Unsuitable Extinguishing Media No information available.			
Specific Hazards Arising from the Chemical			
May cause sensitization by inhalation Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes.			
Explosion Data			
Sensitivity to Mechanical Impact	None.		
Sensitivity to Static Discharge	None.		
Protective Equipment and Precautions for Firefighters			
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
6. ACCIDENTAL RELEASE MEASURES			
Personal precautions, protective equipment and emergency procedures			
Personal Precautions Evacuate personnel to safe areas. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Keep people away from and upwind of spill/leak.			
Environmental Precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Prevent entry into waterways, sewers, basements or confined areas.			
Methods and materials for containment and cleaning up			
Methods for Containment	Prevent further leakage or spillage if safe to do so.		
Methods for Cleaning Up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.		
7. HANDLING AND STORAGE			
Handling Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not breathe vapors or spray mist. Use only in area provided with appropriate exhaust ventilation. Do not eat, drink or smoke when using this product.			
Storage Keep in properly labeled containers. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.			
Incompatible Products None known based on information supplied.			
8. EXPOSURE CONTROLS / PERSONAL PROTECTION			
Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Subtilisins (proteolytic enzymes)	Ceiling: 0.00006 mg/m3 as crystalline active enzyme	(vacated) STEL: 0.00006 mg/m3	Ceiling: 0.00006 mg/m3 as crystalline active enzyme
Appropriate engineering controls			
Engineering Measures Showers, Eyewash stations, Ventilation systems			
Individual protection measures, such as personal protective equipment			
Eye/Face Protection	Wear safety goggles.		
Skin and Body Protection	Lightweight protective clothing. Impervious gloves.		
Respiratory Protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.		
Hygiene Measures	When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.		





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9. PHYSICAL AND CHEMICAL PROPERTIES					
Physical State	Odor	Appearance	pH	Melting Point/Range	Boiling Point
Liquid	Tropical	Violet	6-8	No data available	>100C
Flash Point	Flammability Limits	Vapor Pressure	Specific Gravity	Water Solubility	Flammable Properties
No data available	No data available	No data available	1.01-1.03	Soluble	Not Flammable
10. STABILITY AND REACTIVITY					
Reactivity			No data available.		
Chemical stability			Stable under recommended storage conditions.		
Possibility of hazardous reactions			None under normal processing.		
Hazardous Polymerization			Hazardous polymerization does not occur.		
Conditions to avoid			None known based on information supplied.		
Incompatible materials			None known based on information supplied.		
Hazardous decomposition products			None known based on information supplied.		
11. TOXICOLOGICAL INFORMATION					
Inhalation	May cause allergy or asthma symptoms or breathing difficulties if inhaled.				
Eye Contact	Irritating to eyes. Causes serious eye damage.				
Skin Contact	May cause irritation.				
Ingestion	There is no data available for this product.				
Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation		
Subtilisins (proteolytic enzymes)	= 3700 mg/kg (Rat)	-	-		
Delayed and immediate effects and also chronic effects from short and long term exposure					
Sensitization	May cause sensitization of susceptible persons. May cause sensitization by inhalation.				
Carcinogenicity	Contains no ingredients above reportable quantities listed as a carcinogen.				
Chronic Toxicity	Avoid repeated exposure. Repeated contact may cause allergic reactions in very susceptible persons.				
Target Organ Effects	Respiratory system. Eyes. Skin.				
12. ECOLOGICAL INFORMATION					
Ecotoxicity			The product is not expected to be hazardous to the environment.		
Persistence and Degradability			No information available.		
Bioaccumulation			The product does not contain any substances expected to be bioaccumulating.		
Other Adverse Effects			No information available.		
13. DISPOSAL CONSIDERATIONS					
Waste Disposal Methods			Dispose of in accordance with federal, state, and local regulations		
Contaminated Packaging			Do not re-use empty containers.		
14. TRANSPORT INFORMATION					
DOT			The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).		
15. REGULATORY INFORMATION					
Safety, health and environmental regulations/legislation specific for the substance or mixture					
EU Legislation			The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 453/2010 of 20th May 2010 amending regulation (EC) No 1907/2006		
National Regulations			The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Workplace Exposure Limits 2005 (EH40)		
16. OTHER INFORMATION					
NEPA	Health Hazard 1	Flammability 0	Instability 0	Physical and Chemical Hazards -	
HMS	Health Hazard 1	Flammability 0	Physical Hazard 0	Personal Protection X	

Australian Regulations	Prepared according to Safe Work Australia's Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals.
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Prepared By

Big Green Surgical Company
34 Corporate Drive, Cannon Hill QLD 4170
Date Prepared: 15-March-2024

General Disclaimer

The information provided in this safety data sheet has been obtained from sources believed to be reliable. The manufacturer provides no warranties; either expressed or implied and assumes no responsibility for accuracy or completeness of the data contained herein. The information is offered for your consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use. The manufacturer knows of no medical conditions other than those noted on this safety datasheet, which are generally recognized as being aggravated by exposure to this product.

End of Safety Data Sheet