

Safety Data Sheet

DATE OF ISSUE: August 25, 2023

ISSUED BY PASCAL

Product Name:	Citrizyme[®]
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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER	
Product Name:	Citrizyme [®]
Product Use:	Enzymatic evacuation cleaner and instrument pre-soak
Manufacturer Name:	Pascal International, Inc.
Address:	2929 Northup Way Bellevue, Washington 98004 USA
Emergency Telephone (Infotrac):	1-800-535-5053, 1-352-323-3500
Telephone:	1-425-827-4694, 1-800-426-8051
Fax:	1-425-827-6893

2. HAZARDS IDENTIFICATION	
GHS Classification & Label Elements:	
This product is not considered to be or to contain hazardous chemicals based on evaluations made by our company under the Globally Harmonized System (GHS) of Classification and Labeling of Chemicals, the Regulation (EC) No 1272/2008 of the European Parliament and of the Council (CLP), and the OSHA Hazard Communication Standard , 29 CFR 1910.122. No Classification or Label Elements are required.	
Label Elements:	None
Hazards not otherwise classified (HNOC)	None
Safety Phrases:	None

3. COMPOSITION / INFORMATION ON INGREDIENTS		
Chemical Entity (Components)	CAS No.	Proportion
Protease	9001-92-7	10-25%
Amylase	9000-90-2	<10%
The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.		

4. FIRST AID MEASURES	
Inhalation:	Remove to fresh air. If breathing is difficult, seek medical attention.
Ingestion:	Drink large amounts of water. Do not induce vomiting. If symptoms persist, seek immediate medical attention.
Skin:	Wash with soap and water. If irritation persists, seek medical attention.
Eye:	Flush immediately with water. Seek medical attention.

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5. FIRE FIGHTING MEASURES	
Extinguishing Media:	Water, CO ₂ , dry chemical
Specific Hazards:	None
Precautions in connection with Fire:	Use of self contained breathing apparatus is recommended

6. ACCIDENTAL RELEASE MEASURES	
Emergency Procedures:	Provide adequate ventilation
Clean Up Procedure:	Wipe up spill. Clean surface with water.
Personal Precautions:	Wear dust mask

7. HANDLING AND STORAGE	
Handling:	Avoid contact with skin and eyes.
Storage:	Store in cool dry environment.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION	
Exposure Limits:	Not available
Respiratory Protection:	Dust mask recommended
Eye Protection:	Recommended
Hand Protection:	Gloves recommended
Engineering Controls:	Normal room ventilation

9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance:	Orange colored powder
Odor:	Citrus scented
pH:	7.5 - 8.5
Vapor Pressure:	NA
Vapor Density:	Not determined
Relative Density:	Not determined
Boiling Point:	NA
Freezing / Melting Point:	NA
Solubility in Water:	Readily soluble
Specific Gravity:	Not determined
Flash Point:	Not determined
Flammability:	Not determined
Flammable Limits LEL:	Not determined
Flammable Limits UEL:	Not determined
Evaporation Rate	Not determined
Viscosity	Not applicable

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10. STABILITY AND REACTIVITY	
Chemical Stability:	Stable
Conditions to Avoid:	None determined
Incompatible Materials:	None known
Hazardous Decomposition Products:	None known
Hazardous Reactions:	None known
Hazardous Ingredient:	None

11. TOXICOLOGICAL INFORMATION		
Ingredients:	Protease	LD ₅₀ 2000 mg/kg (Oral, Rat)
	Amylase	LD ₅₀ 2000 mg/kg (Oral, Rat)
Routes of Exposure:	Refer to Section 4 of SDS	
Acute & Chronic Effects:	None known	

12. ECOLOGICAL INFORMATION	
Ecotoxicity:	Not available
Persistence and Degradability:	Not available
Mobility:	Not determined
Bioaccumulative Potential:	No known effects
Mobility in Soil:	No known effects

13. DISPOSAL CONSIDERATIONS	
Disposal Method and Containers:	Normal quantities may be washed down sink or disposed in trash.
Special Precautions:	None

14. TRANSPORT INFORMATION	
UN Number	This is not a DOT controlled material.
UN Proper Shipping Name	Not applicable.
Class and Subsidiary Risk	Not applicable.
Packing Group	Not applicable.
Special Precautions during transport	None
Hazchem Code:	N/A
Hazard Classification:	No classified
Australian Classification Statement (ADG):	N/A

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15. REGULATORY INFORMATION	
Precautionary Phrases:	For professional in-office use only. Keep out of reach of children.
AICS (Australia)	This product is a medical device and not subject to chemical notification requirements.
Poison Schedule:	None allocated
CA Prop 65:	No ingredients are subject to CA Prop 65 warning.
Note:	Refer to applicable international, national, and local regulations and provisions.

16. OTHER INFORMATION	
Legal Disclaimer:	Information contained in this SDS is based on data believed to be correct. This information does not purport to be all inclusive and shall be used only as a guide. No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. In no event will the manufacturer or the distributor be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information.
SDS History	
Date of Issue:	August 25, 2023
Replaces Issue:	October 30, 2017
Changes made to previous issue:	Updated issue date; In section 15 updated Australia AIC statement and added CA Prop 65 statement.