

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 NE Northup Way Bellevue, Washington 98009-1478
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:

Health Hazard

Acute Toxicity - Inhalation	Category 5
Mild Skin Irritant	Category 3
Eye Irritant	Category 2B

Label Elements: No symbol

Signal Word: **Warning**

Hazard Statements:

H316 Causes mild skin irritation
H320 Causes eye irritation
H333 May be harmful if inhaled

Prevention Statements

P264 Wash thoroughly after handling
P280 Wear protective gloves/ protective clothing/eye protection

Response Precautionary Statements:

P304 + P312 IF INHALED: Call a POISON CENTER or doctor if you feel unwell
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313 IF ON SKIN: If skin irritation occurs: get medical advice/attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity (Components)	CAS No.	Proportion
Sodium Bicarbonate	144-55-8	56%
Sodium Lauroyl Sarcosinate	137-16-6	1%
Disodium EDTA	06381-92-6	5%

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Protease 9001-92-7 23%

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.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Water, CO₂, 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.

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: NA

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Vapor Pressure:	NA
Vapor 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

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

11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients:	Sodium Bicarbonate	LD ₅₀ 4220 mg/kg (Oral, Rat)
	Sodium Lauroyl Sarcosinate	LD ₅₀ >5000 mg/kg (Oral, Rat)
	Disodium EDTA	LD ₅₀ 2000 mg/kg (Oral, Rat)
	Protease	LD ₅₀ 2000 mg/kg (Oral, Rat)
Routes of Exposure:	Refer to Section 4 of SDS	
Chronic Effects:	Not available	

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not available
Persistence and Degradability:	Not available
Mobility:	Not determined

13. DISPOSAL CONSIDERATIONS

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

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Product Name: Citrizyme[®]**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 for User	None
Hazchem Code	Not applicable.

15. REGULATORY INFORMATION

Precautionary Phrases:	For professional in-office use only. Keep out of reach of children.
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: May 28, 2015
	Replaces Issue: June 15, 2014
	Changes made to previous issue: Added GHS classification, pictograms, hazard & precautionary statements