

# Safety Data Sheet

DATE OF ISSUE: October 30, 2017

ISSUED BY PASCAL

<b>Product Name:</b>	<b>Citrizyme®</b>
----------------------	-------------------

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 98009-1478
Importer/ Distributer	Ivoclar Vivadent Ltd
Place:	PO Box 303011, North Harbour, Auckland, 0751
Telephone:	+64 9 914 9999
Emergency telephone number:	0800 764 766 Poison Hotline (24 hours / 7 days) NZ: National Poison Centre (New Zealand)

2. HAZARDS IDENTIFICATION	
<b>GHS Classification &amp; Label Elements:</b>	
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 <a href="#">OSHA Hazard Communication Standard</a> , 29 CFR 1910.122. No Classification or Label Elements are required.	
<b>Label Elements:</b>	None
<b>Hazards not otherwise classified (HNOC)</b>	None
<b>Safety Phrases:</b>	None

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%
Protease	9001-92-7	23%
Color		1%
Flavor		14%

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.

<b>Product Name:</b>	<b>Citrizyme®</b>
----------------------	-------------------

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

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

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

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

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
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

# Safety Data Sheet

DATE OF ISSUE: October 30, 2017

ISSUED BY PASCAL

<b>Product Name:</b>	<b>Citrizyme®</b>
----------------------	-------------------

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:	Sodium Bicarbonate	LD <sub>50</sub> 4220 mg/kg (Oral, Rat)
	Sodium Lauroyl Sarcosinate	LD <sub>50</sub> >5000 mg/kg (Oral, Rat)
	Disodium EDTA	LD <sub>50</sub> 2000 mg/kg (Oral, Rat)
	Protease	LD <sub>50</sub> 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

# Safety Data Sheet

DATE OF ISSUE: October 30, 2017

ISSUED BY PASCAL

<b>Product Name:</b>	<b>Citrizyme®</b>
----------------------	-------------------

## 15. REGULATORY INFORMATION

Precautionary Phrases:	For professional in-office use only. Keep out of reach of children.
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	<p>Classified as Hazardous according to the criteria of the National Occupational Health and Safety Commission (NOHSC) approved criteria for the classifying hazardous substances [NOHSC: 1008] 3rd edition. Standard for the Uniform Scheduling of Medicines and Poisons.</p> <p>Carcinogen classification under WHS Regulation 2011, Schedule 10.</p> <p>Notification status in accordance with section 3 and current national legislation.</p> <p>HSNO Approval: HSR003656, HSR004012</p> <p>EPA NZ Classes of hazardous properties:</p> <p>Classification 6.4A Irritating to the eye</p> <p>Classification 9.1D (All) Slightly harmful in the aquatic environment or are otherwise designed for biocidal action</p> <p>Classification 9.1D (C) Slightly harmful in the aquatic environment or are otherwise designed for biocidal action</p> <p>Classification 6.3A Irritating to the skin</p> <p>Classification 6.4A Irritating to the eye</p> <p>Classification 6.5A Respiratory sensitisers</p>

## 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.
-------------------	---

<b>SDS History</b>	
Date of Issue:	October 30, 2017
Replaces Issue:	June 11, 2016
Changes made to previous issue:	Revised GHS statement; revised formatting; added Australian requirements