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| <b>Product Name:</b> | <b>Citrizyme®</b> |
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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<br>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

|                                    |             |
|------------------------------------|-------------|
| <b>Acute Toxicity - Inhalation</b> | Category 5  |
| <b>Mild Skin Irritant</b>          | Category 3  |
| <b>Eye Irritant</b>                | 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, CO<sub>2</sub>, 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 <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  |  |
| 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.<br>Keep out of reach of children.            |
| Note:                  | Refer to applicable international, national and local regulations and provisions. |

**16. OTHER INFORMATION**

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|-------------------|---|
| 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. |
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|-------------|---|
| 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 |