**Endozime AW Plus with A.P.A. Safety Data Sheet**

**Section 1 – Product Information**

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Endozime AW Plus with A.P.A.</th>
<th>Supplier</th>
<th>The Ruhof Corporation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code:</td>
<td>34521</td>
<td>Information Phone:</td>
<td>1-800-537-8463</td>
</tr>
<tr>
<td>Product Use:</td>
<td>Medical Instrument Cleaning</td>
<td>Address</td>
<td>393 Sagamore Avenue Mineola NY 11501</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Emergency Contact:</td>
<td>1-800-424-9300 (Chemtrec)</td>
</tr>
</tbody>
</table>

**Section 2 – Hazards Identification**

GHS Classification: This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

**Section 3 – Composition/Information on Ingredients**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subtilisins (proteolytic enzymes)</td>
<td>9014-01-1</td>
<td>Below reportable limit</td>
</tr>
</tbody>
</table>

**Section 4 – FIRST AID MEASURES**

**General Advice**
No specific measures required.

**Eye Contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**Skin Contact**
Rinse off with water. If symptoms persist, consult a doctor.

**Inhalation**
If irritation occurs, move to fresh air. If symptoms persist, call a doctor.

**Ingestion**
Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

**Section 5 – FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific Hazards Arising from the Chemical**
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases
None in particular.

**Explosion Data**
Sensitivity to Mechanical Impact
None.

Sensitivity to Static Discharge
None.

Special protective equipment for fire-fighters
No further relevant information available.

**Section 6 – ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**
Use personal protective equipment.

**Methods and materials for containment and cleaning up**
Soak up with inert absorbent material.

**Reference to other sections:** See Section 12 for additional.

**Section 7 – HANDLING AND STORAGE**

**Handling**
No special precautions are necessary if used correctly.

**Hygiene Measures**
When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

**Conditions for safe storage, including any incompatibilities**
Keep out of the reach of children. Keep in properly labeled containers.

**Specific end use(s) Exposure Scenario**
No information available. Other Guidelines
No information available.

**Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Appropriate engineering controls**

**Engineering Measures:** Not required based on the use and classification of this product as a non-corrosive.

**Recommended personal protective measures:**

**Personal protective equipment should be worn in accordance with OSHA bloodborne pathogen guidelines when handling soiled instruments.**

**Eye/Face Protection**
Wear safety goggles or face shield if spraying can meet face.

**Skin and Body Protection**
Lightweight protective clothing. Impervious gloves.

**Respiratory Protection**
If irritation is experienced, NIOSH/MSHA approved respiratory protection can be worn.

**Hygiene Measures**
When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Odor</th>
<th>Appearance</th>
<th>pH</th>
<th>Melting Point/Range</th>
<th>Boiling Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Tropical</td>
<td>Blue</td>
<td>6-8</td>
<td>No data available</td>
<td>&gt;100°C</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flash Point</th>
<th>Flammability Limits</th>
<th>Vapor Pressure</th>
<th>Specific Gravity</th>
<th>Water Solubility</th>
<th>Flammable Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>1.01-1.03</td>
<td>Soluble</td>
<td>Not Flammable</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Reactivity</th>
<th>Chemical stability</th>
<th>Possibility of hazardous reactions</th>
<th>Hazardous Polymerization</th>
<th>Conditions to avoid</th>
<th>Incompatible materials</th>
<th>Hazardous decomposition products</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
<td>Stable under recommended storage conditions.</td>
<td>None under normal processing</td>
<td>Hazardous polymerization does not occur.</td>
<td>None known based on information supplied.</td>
<td>None known based on information supplied.</td>
<td>None known based on information supplied</td>
</tr>
</tbody>
</table>

11. TOXICOLOGICAL INFORMATION

**Inhalation**
Contains no ingredients above reportable quantities. Product is not expected to be irritating by inhalation.

**Eye Contact**
May be irritating to eyes.

**Skin Contact**
May cause irritation.

**Ingestion**
There is no data available for this product.

**Delayed and immediate effects and also chronic effects from short and long-term exposure**

**Sensitization**
Contains no ingredients above reportable quantities. May cause sensitization of susceptible persons. May cause sensitization by inhalation.

**Lariginogenicity**
Contains no ingredients listed as a carcinogen.

**Chronic Toxicity**
Avoid repeated exposure. Repeated contact may cause allergic reactions in very susceptible persons.

**Target Organ Effects**
Not Classified.

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

**EU Legislation:** The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 2015/830 of 20th May 2015 amending regulation (EC) No 1907/2006.

**US Federal Regulations:** 29 CFR 1910.1200(g)

16. OTHER INFORMATION

Prepared By
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Mineola, NY 11501