MATERIAL SAFETY DATA SHEET

METRIZYME
Dual Enzymatic Detergent

b1 - IDENTIFICATION

Manufacturer: Metrex Research Corporation
Address: 28210 Wick Road
City, State, Zip: Romulus, MI 48174
Telephone: 1-800-841-1428
Emergency: Chemtrec 1-800-424-9300
Date Prepared: February 2007

2 - COMPOSITION INFORMATION

Hazardous Ingredients

<table>
<thead>
<tr>
<th>CAS #</th>
<th>PEL</th>
<th>TLV</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proteinase subtilisin</td>
<td>9014-01-1</td>
<td>NA</td>
<td>0.00006 mg/m³ &lt; 2.0</td>
</tr>
</tbody>
</table>

(As pure protease)

Other Ingredients
Propylene glycol and water

3 - PHYSICAL AND CHEMICAL PROPERTIES

- Boiling Point: 100 °C to 105 °C
- Specific Gravity (H₂O = 1): 1.036
- Vapor Pressure (mm Hg): N/D
- Vapor Density (AIR = 1): > 1.015 g/ml
- Solubility in Water: 100%
- Appearance and Odor: Solution is bluish-green with a mint odor
- pH: 6.50 – 8.00

4 - FIRE AND EXPLOSION HAZARD DATA

- Flash Point (Method Used): Nonflammable
- Flammable Limits: LEL: N/A UEL: N/A
- Extinguishing Media: N/A
- Special Fire Fighting Procedures: N/A
- Unusual Fire and Explosion Hazards: N/A

5 - REACTIVITY DATA

- Stability: Stable solution
- Conditions to Avoid: Avoid evaporation.
- Incompatibility (Material to Avoid): Avoid bleach and strong acids.
- Hazardous Decomposition Byproducts: N/A
- Hazardous Polymerization: Will not occur

6 - HEALTH HAZARD DATA

Routes of Entry:
- Skin: Moderate irritation
- Eyes: Contact with eyes causes damage.
- Inhalation: Low or mild irritation. Can cause allergic reactions in sensitive individuals.
- Ingestion: Toxic

Carcinogenicity - NTP: No
IARC Monographs: No OSHA Regulated Carcinogen: No

7 - EMERGENCY FIRST AID PROCEDURES

- Skin: Wash skin with soap and water.
- Eyes: Flush with water for 15 minutes. If irritation persists, seek medical attention.
- Inhalation: Remove to fresh air. If irritation persists, seek medical attention.
- Ingestion: Do not induce vomiting. Give large amounts of water. Seek medical attention.

8 - PRECAUTIONS FOR SAFE HANDLING & USE

Steps to be taken in case material is released or spilled: Ventilate area; wear protective gloves and eye gear. Wipe or absorb with sponge, mop, towel or inert material (kitty litter) and transfer to a suitable container for disposal.

Waste Disposal Method: Flush thoroughly with water into sewage disposal system in accordance with federal, state, and local regulations. Do not reuse empty container. Wrap container and put in trash.

Precautions to be taken in Handling and Storing: Keep in cool place. Use in well-ventilated area. Avoid aerosol or mist.

Other Precautions: Keep out of reach of children. Do not ingest. Avoid skin and eye contact. Avoid contamination of food.

9 - CONTROL MEASURES

Respiratory Protection: Use in a well-ventilated area.
VENTILATION:
Local Exhaust: Adequate ventilation required to maintain recommended exposure limit. Do not spray liquid in open environment.
Mechanical (General): Should be sufficient.
Protective Gloves: Latex rubber, butyl rubber, nitrile rubber and polyethylene
Eye Protection: Safety glasses
Work/Hygiene Practices: Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

10 - TRANSPORTATION INFORMATION

Not regulated.

11 - SPECIAL INFORMATION

HMIS (Hazardous Material Identification System) Rating:
H2 F0 R0
[HMIS Hazard Index: 4 – Severe Hazard; 3 – Serious Hazard; 2 – Moderate Hazard; 1 – Slight Hazard; 0 – Minimum Hazard]

Note: This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information contained in this MSDS is, to the best of our knowledge, believed to be accurate.