BLUELAND Automatic Dish washer Tablets

SAFETY DATA SHEET

1. SECTION 1: CHEMICAL/MIXTURE IDENTIFICATION

1.1 Product Identifier
   - Product Name: BLUELAND Automatic Dishwasher Tablets
   - CAS No.: Mixture.

1.2 Relevant identified uses of the substance or mixture and uses advised against
   - Identified use(s): Automatic Dishwashing
   - Uses advised against: None known.

1.3 Details of the supplier of the product
   - Company Identification: One Home Brands, Inc.
     127 W 26th St. Floor 7
     New York, NY 10001
   - Telephone: (716) 310-0916
   - E-Mail: help@blueland.com

1.4 Emergency telephone number
   - Emergency Phone No.: 779.242.2525 [8am-5pm M-F Eastern US]

2. SECTION 2: HAZARDS IDENTIFICATION

"Consumer Products", defined by the US Consumer Product Safety Act and are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided to assist in the safe handling and proper use of the product.

2.1 Classification of the substance or mixture
   - GHS 29 CFR 1910.1200
     Skin Corrosion/Irritation Category 2
     Eye damage/Irritation Category 2A

2.2 Label elements
   - Hazard pictogram(s)

   Signal word(s)
   - Warning
     Causes serious eye irritation
     Causes skin irritation

   Hazard statement(s)
   - IF IN EYES: Rinse cautiously with water for several minutes.
     Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention
   - IF SWALLOWED: Drink plenty of water. Call poison control if person feels unwell.
   - IF ON SKIN: Rinse with plenty of water
     If skin irritation occurs, get medical attention
2.3 Other hazards
None.

2.4 Additional Information
None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures
Chemicals reported in accordance with CFR 1910.1200

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>%W/W</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>40-60</td>
<td>497-19-8</td>
</tr>
<tr>
<td>Citric acid</td>
<td>5-20</td>
<td>77-92-9</td>
</tr>
<tr>
<td>Sodium silicate</td>
<td>0-10</td>
<td>1344-09-8</td>
</tr>
<tr>
<td>Enzymes (protease, amylase)</td>
<td>1-10</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Lauryl / Myristyl Glucoside</td>
<td>0-7</td>
<td>110615-47-9</td>
</tr>
</tbody>
</table>

The specific chemical identity and/or exact percentage of this composition has been withheld as a trade secret.

3.2 Additional Information
For additional information on product ingredients, see www.blueland.com

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

**Inhalation**
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, get medical attention.

**Skin Contact**
Wash with plenty of soap and water. If irritation develops, get medical attention.

**Eye Contact**
Flush eyes with water for at least 15 minutes while holding eyelids open. If irritation develops, get medical attention.

**Ingestion**
Give plenty of water to drink. Do not induce vomiting. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed
None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed
Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

**Suitable Extinguishing Media**
Water spray, foam, dry powder or CO2.

**Unsuitable Extinguishing Media**
None known.

5.2 Special hazards arising from the substance or mixture
None anticipated.

5.3 Advice for fire-fighters
Fire fighters should wear complete protective equipment.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation. Wear personal protective equipment.

6.2 Environmental precautions
Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up
Clean up spillages and dispose of properly.

6.4 Reference to other sections
See Also Section: 8, 13.

7. SECTION 7: HANDLING AND STORAGE

General hygiene measures for the handling of chemicals are applicable.

7.1 Precautions for safe handling
Wear suitable personal protective equipment. Wash hands and exposed skin after use. Do not eat, drink or smoke
7.2 **Conditions for safe storage, including any incompatibilities**

- **Storage Temperature**: Ambient.
- **Storage Life**: Stable under normal conditions.
- **Incompatible materials**: None known

7.3 **Specific end use(s)**

Detergent.

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8. **SECTION 8: EXPOSURE CONTROLS/PERSOAL PROTECTION**

8.1 **Control parameters**

8.1.1 **Occupational Exposure Limits**

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>TWA mg/m³</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium silicate</td>
<td>1344-09-8</td>
<td>2.0</td>
<td>OSHA PEL</td>
</tr>
<tr>
<td>Enzymes (protease, amylase)</td>
<td>NA</td>
<td>15 ng/m² (workers)</td>
<td>DMEL</td>
</tr>
<tr>
<td>Paticulates, not otherwise regulated</td>
<td>NA</td>
<td>5</td>
<td>OSHA PEL</td>
</tr>
</tbody>
</table>

Source: WEL: Workplace Exposure Limit (UK HSE EH40)

8.1.2 **Biological limit value**

Not established.

8.1.3 **PNECs and DNELs**

Not established.

8.2 **Exposure controls**

8.2.1 **Appropriate engineering controls**

Provide adequate ventilation.

8.2.2 **Personal protection equipment**

- **Eye/face protection**: Wear protective eye glasses for protection.
- **Skin protection (Hand protection/ Other)**: Wear suitable gloves if prolonged skin contact is likely. Wear impervious gloves (EN374).
- **Respiratory protection**: Normally no personal respiratory protection is necessary.

8.2.3 **Environmental Exposure Controls**

Do not release large quantities into the surface water or into drains.

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9. **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

9.1 **Information on basic physical and chemical properties**

- **Appearance**: Tablet.
- **Color**: White to off white
- **Odor**: Scented
- **Odor Threshold**: Not established.
- **pH**: 9.0
- **Melting Point/Freezing Point**: Not applicable.
- **Initial boiling point and boiling range**: Not applicable.
- **Flash point**: Unknown
- **Evaporation rate**: Not applicable
- **Flammability (solid, gas)**: Not applicable
- **Upper/lower flammability or explosive limits**: Unknown
- **Vapour pressure**: Unknown
- **Vapour density**: Not applicable.

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Relative density: Unknown
Solubility: Very soluble in water.
Partition coefficient: n-octanol/water: Unknown
Auto-ignition temperature: Unknown
Decomposition Temperature: Unknown
Viscosity: Not applicable
Explosive properties: Not explosive.
Oxidising properties: Not oxidising.

9.2 Other information: None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Stable under normal conditions.
10.2 Chemical stability: Stable under normal conditions.
10.3 Possibility of hazardous reactions: No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid: None anticipated.
10.5 Incompatible materials: None in particular.
10.6 Hazardous Decomposition Product(s): No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:
- Acute toxicity: Additivity formulation LD50 estimate >2000mg/Kg
- Irritation: Irritating to skin and eyes
- Corrosivity: Not corrosive
- Sensitisation: It is not a skin sensitizer.
- Repeated dose toxicity: None anticipated.
- Carcinogenicity: No evidence of carcinogenicity.
- Mutagenicity: No evidence of mutagenic potential.
- Toxicity for reproduction: No evidence of reproductive toxicity.

11.2 Other information: None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Aquatic Toxicity: Unknown
12.2 Persistence and degradability: Unknown
12.3 Bioaccumulative potential: Unknown
12.4 Mobility in soil: Unknown
12.5 Results of PBT and vPvB assessment: Not classified as PBT or vPvB.
12.6 Other adverse effects: None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: Use appropriate tools to put the spilled substance in a convenient waste disposal container. Finish cleaning by spreading soap and water on the contaminated surface.
13.2 Additional Information: Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous for transport.

14.1 UN number: Not applicable.
14.2 UN Proper Shipping Name: Not applicable.
14.3 Transport hazard class(es): Not applicable.
14.4 Packing Group: Not applicable.
14.5 Environmental hazards: Not applicable.
14.6 Special precautions for user: Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.
15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2 GHS

Created in accordance with the OSHA’s implementation of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

15.3 US EPA

TSCA: All ingredient are on the TSCA inventory.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>LTEL</td>
<td>Long Term Exposure Limit</td>
</tr>
<tr>
<td>STEL</td>
<td>Short Term Exposure Limit</td>
</tr>
<tr>
<td>DNEL</td>
<td>Derived No Effect Level</td>
</tr>
<tr>
<td>PNEC</td>
<td>Predicted No Effect Concentration</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>vPvB</td>
<td>very Persistent and very Bioaccumulative</td>
</tr>
</tbody>
</table>

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Annex to the extended Safety Data Sheet (eSDS)

No information available.