1. IDENTIFICATION

Product identifier

Product name: Legacy of Clean™ Automatic Dish Tablets - Single Use Automatic Dish Tablets

Other means of identification

Product code: 109867

Synonyms: AMWAY HOME™ DISH DROPS™ Automatic Dishwasher Tablets

Recommended use of the chemical and restrictions on use

Recommended use: Automatic dishwashing detergent

Uses advised against: Not recommended for sterling silver, silverplate or unprotected aluminum.

Details of the supplier of the safety data sheet

Product information

Amway Corp. (58C-2A) 7575 Fulton Street East Ada, MI 49355 USA
Tel: 1-800-253-6500

Manufacturer

Eurotab Operations ZAC Des Peyrardes 42170 Saint Just Saint Rambert France
Tel: +33 (0) 4 77 02 33 19

E-mail address: sds@amway.com

Emergency telephone number

For Transportation Emergencies:

ChemTrec @ 1-800-424-9300

Emergency Telephone Number: For Poisoning Emergencies call Amway's poison control service in the United States at 1-616-787-6307. This is a 24-hour number.

2. HAZARDS IDENTIFICATION

Classification

<table>
<thead>
<tr>
<th>Skin corrosion/irritation</th>
<th>Category 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2A</td>
</tr>
</tbody>
</table>

Label elements
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Common Name</th>
<th>CAS #</th>
<th>Weight %</th>
<th>Trade secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>10-20</td>
<td>*</td>
</tr>
<tr>
<td>Sodium Silicate</td>
<td>-</td>
<td>1344-09-8</td>
<td>10-20</td>
<td>*</td>
</tr>
<tr>
<td>Carbonic acid disodium salt, compd. with hydrogen peroxide (H2O2) (2:3)</td>
<td>Sodium percarbonate</td>
<td>15630-89-4</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Cellulose</td>
<td>Cellulose</td>
<td>9004-34-6</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Subtilisin</td>
<td>Enzyme</td>
<td>9014-01-1</td>
<td>&lt;0.1</td>
<td>*</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

Eye contact: Remove contact lenses. Rinse with gentle stream of water for 15 minutes, holding eyelids open. Get medical advice by calling a poison control center, doctor or hospital emergency room.

Skin contact: Rinse skin thoroughly with water.
Inhalation: Move to fresh air. If irritation or breathing difficulty develops, GET MEDICAL ADVICE by calling a poison control center, doctor or hospital emergency room.

Ingestion: If victim is a child, give 4-8 ounces of water. For adults, give 8-12 ounces of water. Do not induce vomiting when this product is swallowed. If vomiting occurs spontaneously, keep victim in an upright position. GET MEDICAL ADVICE by calling a poison control center, doctor or hospital emergency room.

Protection of first-aiders: Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms: No information available.

Indication of any immediate medical attention and special treatment needed

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Suitable extinguishing media:
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:
No information available.

Specific hazards arising from the chemical

No special exposure hazards are known.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions:
Wear appropriate personal protection equipment (respirator, gloves, goggles, and/or faceshield, boots, protective clothing).

For emergency responders:
Use personal protective equipment as required.

Environmental precautions

See Section 12 for additional Ecological Information. Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Methods for containment:
Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods for cleaning up:
No special collection methods required. Dispose of in accordance with all national and local regulations.

7. HANDLING AND STORAGE
Precautions for safe handling

Advice on safe handling:
Avoid contact with skin and eyes. No special technical protective measures required.

General hygiene considerations:
Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage conditions:
Keep in a dry place. Keep at temperatures between 24 and 32 °C (75 - 90 °F). No special restrictions on storage with other products.

Incompatible materials:
Contact with highly reactive chemicals like strong acids, strong bases, oxidizers or reducing agents may cause a dangerous reaction.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TWA</th>
<th>ACGIH STEL</th>
<th>ACGIH CEILING</th>
<th>ACGIH - Skin Absorption Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cellulose 9004-34-6</td>
<td></td>
<td>10 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subtilisin 9014-01-1</td>
<td></td>
<td></td>
<td>0.00006 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA TWA</th>
<th>OSHA-Table Z-3 Mineral Dust</th>
<th>OSHA CEILING</th>
<th>OSHA - Skin Notations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cellulose 9004-34-6</td>
<td>15 mg/m³</td>
<td>5 mg/m³</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Derived No Effect Level (DNEL):
No information available.

Predicted No Effect Concentration (PNEC):
No information available.

Appropriate engineering controls

Engineering measures:
Mechanical ventilation is not normally necessary when this product is used according to product label directions.

Individual protection measures, such as personal protective equipment

Eye/face protection:
Follow label directions. No special technical protective measures are necessary. Avoid contact with eyes. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.
Hand protection: Follow label directions. Skin protection is not normally necessary when this product is used according to product label directions. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.

Skin and body protection: Follow label directions. Skin and body protection is not normally necessary when this product is used according to product label directions. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.

Respiratory protection: Follow label directions. Respiratory protective equipment is not normally necessary when this product is used according to product label directions. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.

General industrial hygiene practice: This product is sold as a consumer product. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Tablet</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Yellow; White; Green</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability limit in air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor density</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Specific gravity</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Soluble in water</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Softening point</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Molecular weight</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>VOC content (%)</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Density</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Bulk density</td>
<td></td>
<td>No information available</td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stability:
Stable under normal conditions.

Sensitivity to mechanical impact:
None.

Sensitivity to static discharge:
None.

Possibility of hazardous reactions

Contact with highly reactive chemicals like strong acids, strong bases, oxidizers or reducing agents may cause a dangerous reaction.

Conditions to avoid

Humidity. Keep out of reach of children.

Incompatible materials:

Not determined.

Hazardous decomposition products

Not determined.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Aggravated medical conditions: Exposure to this product may aggravate pre-existing skin, eye, and respiratory disorders.

Principle routes of exposure: Eye contact, skin contact

Inhalation: Inhalation of dust in high concentration may cause irritation of respiratory system.

Eye contact: Avoid contact with eyes. Irritating to eyes.

Skin contact: Avoid contact with skin. Irritating to skin.

Ingestion: May be harmful if swallowed. Ingestion of this product can cause irritation of the mouth and throat, upset stomach, nausea, vomiting and diarrhea.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>= 4090 mg/kg (Rat)</td>
<td>-</td>
<td>= 2300 mg/m³ (Rat) 2 h</td>
</tr>
<tr>
<td>497-19-8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium Silicate</td>
<td>= 1960 mg/kg (Rat)</td>
<td>&gt; 4640 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>1344-09-8</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Carbonic acid disodium salt, compd. with hydrogen peroxide (H2O2) (2:3) 15630-89-4

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate 497-19-8</td>
<td>242: 120 h Nitzschia mg/L EC50</td>
<td>300: 96 h Lepomis macrochirus mg/L LC50 static 310 - 1220: 96 h Pimephales promelas mg/L LC50 static</td>
<td>265: 48 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>Sodium Silicate 1344-09-8</td>
<td>-</td>
<td>301 - 478: 96 h Lepomis macrochirus mg/L LC50 3185: 96 h Brachydanio rerio mg/L LC50 semi-static</td>
<td>216: 96 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>Carbonic acid disodium salt, compd. with hydrogen peroxide (H2O2) (2:3) 15630-89-4</td>
<td>70: 240 h Chlorella emersonii mg/L EC50</td>
<td>70.7: 96 h Pimephales promelas mg/L LC50 static</td>
<td>4.9: 48 h Daphnia pulex mg/L EC50</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life. Aquatic Toxicity (Acute): Aquatic Acute 3

Persistence and degradability

Readily biodegradable.

Bioaccumulation

No information available

Mobility in soil
No information available.

**Other adverse effects**

No information available

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging:**

Only empty packaging can be recycled.

### 14. TRANSPORT INFORMATION

This product has been tested against the UN protocol used to classify transportation hazards and it does not meet the definition of a dangerous good in transport.

**DOT:**

- UN/ID No.: Not regulated
- Proper shipping name: Not regulated
- Hazard class: Not regulated
- Packing group: Not regulated

**IMDG/ADR:**

- UN/ID No.: Not regulated
- Proper shipping name: Not regulated
- Hazard class: Not regulated
- Packing group: Not applicable
- Marine pollutant: Not applicable

**ICAO/IATA:**

- UN/ID No.: Not regulated
- Proper shipping name: Not regulated
- Hazard class: Not regulated
- Packing group: Not regulated
- Marine pollutant: Not applicable

The information contained in this document is subject to change or update due to changing government regulations. The user of this document assumes responsibility for complying with all applicable national and international laws and regulations regarding the shipment of Dangerous Goods.

### 15. REGULATORY INFORMATION

**EPA RCRA Hazardous Waste Classification:** Not applicable

### 16. OTHER INFORMATION
Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (Time-Weighted Average)
STEL - STEL (Short Term Exposure Limit)
ACGIH (American Conference of Governmental Industrial Hygienists)
EPA (Environmental Protection Agency)
RCRA (Resource Conservation and Recovery Act)

The information contained herein is believed to be accurate and represents the best information currently available to us, much of which comes from the manufacturer or supplier of components of this product. Therefore, Access Business Group LLC makes no warranty, express or implied, regarding the accuracy of the data. Health and safety precautions in this data sheet may not be adequate for all individuals and product uses. It is the user's obligation to make certain that this SDS is the most current SDS for the product; to evaluate the information contained in this sheet in connection with the uses to which the product is to be put in the workplace and to use the product safely in accordance with applicable laws and regulations. Access Business Group LLC assumes no responsibility for injury from the use of the product described in this sheet in a way different from that provided in the label directions.

Prepared by: Access Business Group LLC, Environmental, Health and Safety Department, Ada, Michigan, U.S.A.

This data sheet contains changes from the previous version in section(s): None

***END OF SAFETY DATA SHEET***