



## SAFETY DATA SHEET



### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Legacy of Clean™ Automatic Dish Detergent - Ultra Concentrated Automatic Dish Detergent

**Product code:** 110489 107893

**Recommended use:** Automatic dishwashing detergent

**Distributed by:** **Product information:**

Access Business Group International LLC Amway Corp. (58C-2A)  
7575 Fulton Street East 7575 Fulton Street East  
Ada, Michigan 49355 Ada, Michigan 49355  
Information #: 1-800-253-6500

**For Transportation Emergencies:** ChemTrec @ 1-800-424-9300

**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

Irritating to eyes and skin.  
Harmful if swallowed.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Common Name	Weight %	CAS #
Sodium carbonate	Sodium carbonate	10-15	497-19-8
Silicic acid, sodium salt	Sodium silicate	5-10	1344-09-8
Carbonic acid disodium salt, compd. with hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> ) (2:3)	Sodium percarbonate	5-10	15630-89-4
Alcohols, C12-14, ethoxylated propoxylated	Surfactant	1-5	68439-51-0
Subtilisin	Enzyme	< 0.1	9014-01-1

### 4. FIRST AID MEASURES

**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.

**Skin contact:** Rinse skin thoroughly with water.

**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.

**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.

## 5. FIRE FIGHTING MEASURES

**NFPA rating:** Health 1, flammability 0, reactivity 0

(The NFPA hazard rating system is intended to provide basic information to fire fighting, emergency, and other personnel, enabling them to easily decide whether to evacuate the area or to commence emergency control procedures. It is not applicable to transportation or use by the general public and is not intended to address occupational exposures.)

**Suitable extinguishing media:** Use extinguishing media suitable for surrounding materials. This product is not known to be incompatible with any extinguishing media.

**Specific hazards:** No special exposure hazards are known.

**Special protective equipment for firefighters:** Use standard fire-fighting protective equipment.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Environmental precautions:** Prevent further leakage or spillage.

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

## 7. HANDLING AND STORAGE

**Handling:** No special technical protective measures required. Special handling procedures are not normally necessary.

**Storage:** No special storage conditions required. No special restrictions on storage with other products.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

**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.

**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.

**Eye protection:** Follow label directions. Avoid contact with eyes.

**Skin 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.

Chemical Name	ACGIH TWA	ACGIH STEL	ACGIH CEILING	ACGIH - Skin Absorption Designation
Subtilisin			0.00006 mg/m <sup>3</sup>	

**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

**Physical state:** powder

**Color:** white , with colored specks

**Odor:** pleasant , sweet , fruity

**pH:** No data available

**Relative density:** 0.95 - 1.10

**Flash Point (°F):** Not applicable

**Flash Point (°C):** Not applicable

**Method:** Not applicable

## 10. STABILITY AND REACTIVITY

**Conditions to avoid:** No conditions are known which would initiate a dangerous reaction.

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

**Hazardous decomposition products:** Not determined

## 11. TOXICOLOGICAL INFORMATION

**Principle Routes of Exposure:** Eye contact, skin contact, inhalation

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

**Inhalation:** This product contains ingredients that may cause irritation or injury if inhaled. Inhalation of dust can cause irritation of the upper respiratory tract.

**Skin contact:** This product contains ingredients that may cause irritation or injury if in contact with the skin. Prolonged contact with moist product can cause moderate to severe irritation.

**Eye contact:** This product contains ingredients that may cause irritation or injury if in contact with the eyes. Contact with this product can cause moderate to severe eye irritation.

**Ingestion:** This product contains ingredients that may cause irritation or injury if ingested. Ingestion of this product can cause irritation of the mouth and throat, upset stomach, nausea, vomiting and diarrhea. This product can cause burns to the mouth, throat, esophagus and stomach.

**Further information:** Repeated inhalation overexposure to enzyme dust can result in sensitization and allergic response in susceptible individuals.

## 12. ECOLOGICAL INFORMATION

**Environmental Classification:** This product is not classified as dangerous for the environment.

### 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** Dispose of in accordance with local regulations.

**Empty containers:** Do not re-use empty containers. 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 hazardous.

**DOT:**

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

**IMDG/ADR:**

UN/ID No.: Not applicable  
Proper shipping name: Not applicable  
Hazard class: not applicable  
Packing group: Not applicable

**ICAO/IATA:**

UN/ID No.: not applicable  
Proper shipping name: not applicable  
Hazard class: not applicable  
Packing group: 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

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 MSDS is the most current MSDS 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): 1, 2, 9, 13**

**\*\*\*END OF SAFETY DATA SHEET\*\*\***

