



SAFETY DATA SHEET



1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Legacy of Clean™ Dish Drops™ Concentrated Dish Liquid - original
Product code: 10-7889
Recommended use: Hand 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 Poisoning Emergencies call Access Business Group's poison control service in the United States at 1-616-787-6307
(This is a 24-hour number.)**

For Transportation Emergencies: ChemTrec @ 1-800-424-9300 CCN 182

2. HAZARDS IDENTIFICATION

Irritating to eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Common Name	Weight %	CAS #
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.- (dodecyloxy)-, sodium salt	Surfactant	20-25	9004-82-4
Amides, coco, N,N- bis(hydroxyethyl)	Coconut diethanolamide	10-15	68603-42-9
Ethyl alcohol	Alcohol	5-10	64-17-5
1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts	Surfactant	1-5	61789-40-0
Poly(oxy-1,2-ethanediyl), alpha- octyl-omega-hydroxy-	Surfactant	1-5	27252-75-1
Glycerin	Glycerin	1-5	56-81-5
Ethanol, 2,2'-iminobis-	Diethanolamine	1-5	111-42-2

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 2, flammability 2, 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.

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. Prevent eye contact by using protective eye wear appropriate for conditions of use.

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
Ethyl alcohol			1000 ppm	
Glycerin	10 mg/m ³			
Ethanol, 2,2'-iminobis-	1 mg/m ³			Skin - potential significant contribution to overall exposure by the cutaneous route

Chemical Name	OSHA TWA	OSHA-Table Z-3 Mineral Dust	OSHA CEILING	OSHA - Skin Notations
Ethyl alcohol	1000 ppm 1900 mg/m ³			
Glycerin	15 mg/m ³			

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: liquid
Color: clear , green
Odor: citrus
pH: 6.0 - 6.7
Relative density: 1.028 - 1.048
Flash Point (°F): 137

Flash Point (°C): 58

Flashpoint Test Method: Setaflash
Closed Cup Tester

Does not sustain combustion per ASTM D4206.

10. STABILITY AND REACTIVITY

Conditions to avoid: Heat, flames and sparks.

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

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

Inhalation: Inhalation of mists can cause irritation of the upper respiratory tract.

Skin contact: Prolonged or repeated skin contact with this product can cause skin irritation.

Eye contact: Contact with this product can cause mild to moderate eye irritation.

Ingestion: Ingestion of this product can cause irritation of the mouth and throat, upset stomach, nausea, vomiting and diarrhea.

Further information: Inhalation overexposure to ethanol vapors can cause headache, nausea, dizziness and drowsiness. Studies in laboratory animals involving prolonged and repeated inhalation exposures to ethanol resulted in liver damage. Prolonged and repeated oral dosing of laboratory animals has caused mutagenic and developmental toxicity. The International Agency for Research on Cancer (IARC) has reported ethanol to be carcinogenic (based on chronic ingestion of alcoholic beverages).

Inhalation overexposure to vapors of diethanolamine (ethanol, 2,2'-iminobis) can cause headache, nausea, vomiting, pulmonary irritation, liver and kidney damage.

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. This product does not sustain combustion according to ASTM D4206.

DOT:

UN/ID No.: not applicable: 49 CFR 173.120(a)(3)

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: D001

Chemical Name	EPRCA (SARA title III) Section 313:
Ethanol, 2,2'-iminobis-	1.0 % de minimis concentration

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): 9 , 14

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