

PRODUCT NAME: DISH DROPS* Concentrated Dishwashing Liquid

DISTRIBUTED BY:

Amway Corporation
 7575 Fulton Street East
 Ada, Michigan 49355

MSDS/PRODUCT INFORMATION:

Amway Corporation
 Business to Business Marketing Group
 7575 Fulton Street East
 Ada, Michigan 49355

EMERGENCY #: 1(616) 676-6307

INFORMATION #: 1-800-992-6929 Ext. 29

HAZARDOUS INGREDIENTS
 (per OSHA Hazard Communication Standard)

% in Product	CAS Number	COMMON NAME Chemical Name
<25	68891-38-3	SODIUM LAURYL ETHER SULFATE Poly (oxy-1,2-ethandiyl), alpha-sulfo-omega-hydroxy, C12-14-alkyl ethers, sodium salts
<25	61789-19-3	COCAMIDE DEA Amides, coco
<10	68155-09-9	COCOAMIDO PROPYL AMINE OXIDE Amides, coco, N-3-[(dimethylamino)propyl], N-oxides
<10	27252-75-1	PRIMARY ALCOHOL ALKOXYLATE Poly(oxy-1,2-ethandiyl), alpha-octyl-omega-hydroxy-
<10	31694-55-0	POLYOXYETHYLENE GLYCERYL ETHER Poly(oxy-1,2-ethandiyl), alpha, alpha', alpha'', 1,2,3-propanetriyltris [omega-hydroxy-
<10	64-17-5	ETHYL ALCOHOL Ethanol
<10	111-42-2	DIETHANOLAMINE Ethanol, 2,2-iminobis

PHYSICAL AND CHEMICAL CHARACTERISTICS

SPECIFIC GRAVITY (H₂O=1): 1.028-1.048

SOLUBILITY IN WATER: Not determined.

VAPOR PRESSURE (mm Hg): Not determined.

VAPOR DENSITY (Air = 1): Not determined.

pH: 6.0-6.7 (as is)

APPEARANCE AND ODOR: Clear, straw-colored viscous liquid with a green herbal odor.

PHYSICAL HAZARD DATA

HAZARDS: This product is combustible.

FIRE HAZARDS:

FLASH POINT: Flashpoint is 120 F (Seta Flash CC)

FIRE FIGHTING TECHNIQUES: Standard: Wear full body protection. Wear self-contained breathing apparatus to protect against products of combustion (e.g. CO, CO₂, NO₂, COCl₂, HCl, smoke, soot, unidentified organics.) Use water spray, foam, dry chemical, CO₂. Cool containers with water. No explosion hazards identified.

REACTIVITY:

Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions/material to Avoid: Avoid excessive heat, flame, contact with acids, strong oxidizers.

HEALTH HAZARD DATA

EXPOSURE LIMIT: An exposure limit for this product has not been established. Exposure limits for ingredients are listed below.

PRIMARY ROUTES OF EXPOSURE/ENTRY: This product can affect the body if it contacts the skin or eyes, is inhaled or ingested.

SIGNS/SYMPTOMS/EFFECTS OF EXPOSURE:

SKIN CONTACT: This product is not a skin irritant. Prolonged or repeated skin contact with this product may cause dry skin.

EYE CONTACT: This product is an eye irritant.

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

INHALATION: Inhalation may cause irritation of the nose, throat, and lungs.

NOTES: Inhalation effects of this product, other than respiratory irritation, have not been determined. Inhalation effects of individual ingredients are noted below. A prediction as to whether these effects will be exhibited by the product as a whole is dependent on an evaluation of the product's use and extent and duration of exposure.

Inhalation overexposure to ethyl alcohol vapors or mists may cause respiratory irritation, headache, nausea, dizziness, drowsiness. The OSHA Permissible Exposure Limit and ACGIH Threshold Limit Value for ethyl alcohol are 1000 PPM. Studies in laboratory animals involving prolonged and repeated inhalation exposures to ethyl alcohol have resulted in liver damage. Prolonged and repeated oral dosing of laboratory animals has caused mutagenic and developmental toxic effects. The International Association for Research on Cancer (IARC) has reported ethyl alcohol to be carcinogenic (based on chronic ingestion of alcoholic beverages).

Inhalation overexposure to vapors of diethanolamine may cause headache, nausea, vomiting, pulmonary irritation, liver and kidney damage. The ACGIH Threshold Limit Value for diethanolamine is 3 ppm.

AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin, eye and respiratory disorders.

EMERGENCY AND FIRST AID PROCEDURES

SKIN CONTACT: Rinse thoroughly with water.

EYE CONTACT: Remove contact lenses. Rinse with a gentle stream of lukewarm water for 15 minutes, holding eyelids open. **IF IRRITATION DEVELOPS, GET MEDICAL ADVICE** by calling the emergency phone number on page one of this MSDS, or a local/regional Poison Control Center, or a 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 MEDIC**

ADVICE by calling the emergency phone number on page one of this MSDS, or a local/regional Poison Control Center, or a hospital emergency room.

INHALATION: Remove to fresh air. If irritation or breathing difficulty develops, GET MEDICAL ADVICE by calling the emergency phone number on page one of this MSDS, or a local/regional Poison Control Center, or a hospital emergency room.

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF SPILLED OR RELEASED: Wear appropriate personal protection equipment (respirator, gloves, goggles and/or face shield, boots, protective clothing). Contain/dike spill to prevent environmental release.

WASTE DISPOSAL: Dispose of in accordance with Federal, State and Local regulations.

HANDLING PRECAUTIONS

PROTECTIVE MEASURES: This product is a consumer product packaged in both consumer as well as larger sizes. To the extent the product is used in a fashion typical to that of a consumer, protective measures, with the exception of those indicated on the label, are not normally necessary. Where use conditions and/or extent and duration of exposure differ from typical consumer use, however, appropriate protective measures to prevent eye and prolonged skin contact (glasses, goggles, rubber gloves, protective clothing) and minimize inhalation exposure (engineering controls, NIOSH-approved respiratory protection appropriate for the hazard presented) are recommended.

Work/Hygiene Practices: For good personal hygiene, insure prompt removal from skin, and clothing.

DISCLAIMER

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, Amway Corporation 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. If there are any questions concerning the information contained in this sheet or its applicability to a particular use, the user is instructed to telephone 1-800-992-6929 Ext. 29. Amway Corporation 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.

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