



## SAFETY DATA SHEET



### 1. PRODUCT AND COMPANY INFORMATION

**Identification of the substance or preparation:** DISH DROPS™ Dishwashing Liquid

**Product code:** E-0228, E-6205, E-8153, E-9095, E-9096, 10-7889

**Use of the substance/preparation:** Hand dishwashing detergent

**Statements of hazard nature:** Not classified as a dangerous goods according to the ADG Code.  
Classified as hazardous according to criteria of NOHSC.

**Company:** Amway of Australia  
46 Carrington Road  
P.O. Box 202  
Castle Hill NSW 1765  
Tel: (02) 9843 2000  
Australian Business Number: 49004-807-756

Amway of New Zealand  
15 Lady Ruby Drive  
East Tamaki, Auckland, New Zealand  
Tel: (612) 9843 2000  
Emergency Contact Number: 0800 POISON or 0800 764 764

**Responsible person(s):** Technical Office, Amway of Australia (02) 9843 2000

**Emergency telephone number:** (02) 9843 2000 (Ask for the Technical Dept.) This is not a 24-hour number.

**For Transportation Emergencies: ChemTrec @ 1-703-527-3887 CCN 182**

### 2. HAZARDS IDENTIFICATION

**Most important hazards:** This product is classified as hazardous according to the latest edition of the NOHSC Approved Criteria for Classifying Hazardous Substances.

R36 - Irritating to eyes.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Common Name	Weight %	Classification	CAS #
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo- .omega.(dodecyloxy) -, sodium salt	Surfactant	20-25	Xi, R36/38	9004-82-4
Amides, coco, N,N- bis(hydroxyethyl)	Coconut diethanolamide	10-15	Xi; R38, R41	68603-42-9
Ethyl alcohol	Alcohol	5-10	F; R11	64-17-5
1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts	Surfactant	1-5	Xi; R36	61789-40-0

Chemical Name	Common Name	Weight %	Classification	CAS #
Poly(oxy-1,2-ethanediyl), alpha-octyl-omega-hydroxy-	Surfactant	1-5	Xn: R22, R41	27252-75-1
1,2,3-Propanetriol	Glycerin	1-5	- -	56-81-5
Ethanol, 2,2'-iminobis-	Diethanolamine	1-5	Xn;R22, R48/22 Xi;R38, R41	111-42-2

#### 4. FIRST AID MEASURES

- Inhalation:** Move to fresh air. If irritation or breathing difficulty develops, GET MEDICAL ADVICE by calling an anti-poison 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 an anti-poison center, doctor or hospital emergency room.
- Ingestion:** If victim is a child, give 120-240 millilitres of water. For adults, give 240-360 millilitres 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 an anti-poison centre, doctor or hospital emergency room.

#### 5. FIRE-FIGHTING MEASURES

- 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.

#### 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 label directions.
- Respiratory protection:** Follow label directions. Respiratory protective equipment is not normally necessary when this product is used according to 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 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 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	Australian Exposure Standards - Time Weighted Average	Australian Exposure Standards - Short Term Exposure Limit	New Zealand Exposure Standards - Time-Weighted Average	New Zealand Exposure Standards - Short Term Exposure Limit
Ethyl alcohol	1000 ppm 1880 mg/m <sup>3</sup>		1000 ppm 1880 mg/m <sup>3</sup>	
1,2,3-Propanetriol	10 mg/m <sup>3</sup>		10 mg/m <sup>3</sup>	
Ethanol, 2,2'-iminobis-	3 ppm 13 mg/m <sup>3</sup>		3 ppm 13 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:** liquid
- Colour:** clear, green
- Odour:** citrus
- pH:** 6.0 - 6.7
- Relative density:** 1.028 - 1.048
- Flash Point (°C):** 58
- Method:** Setaflash Closed Cup Tester

## 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 vapours 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

**Poisons Schedule Number:** None allocated  
**HSNO Classification (NZ):** 6.3A, 8.3A  
**Group Standard (NZ):** Cleaning Product (subsidiary)

## 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, Amway of Australia and Access Business Group LLC make 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 the Technical Department on (02) 9843 2000. Amway of Australia and Access Business Group LLC assume 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, 9, 14, 15**

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