



SAFETY DATA SHEET



1. PRODUCT AND COMPANY INFORMATION

Product name: SA8™ Delicate - Gentle Liquid Detergent

Product code: E-3272

Recommended use: Laundry detergent

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

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

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.

2. HAZARD IDENTIFICATION

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Common Name	Weight %	Classification	CAS #
Alcohols, C10-16, ethoxylated	Surfactant	30-50	Xi; N; R41, R50	68002-97-1
2,4-Pentanediol, 2-methyl-	Hexylene glycol	1-5	Xi; R36/38	107-41-5
2,2',2"-nitrilotriethanol	Organic amine	1-5	Xi; R36/38	102-71-6
Fatty acids, C12-18, Me esters, sulfonated, sodium salts	Surfactant	1-5	Xn; R20/21/22, R36/38, R68/20/21/22	149458-07-1
Amides, coco, N,N-bis(hydroxyethyl)	Coconut diethanolamide	1-5	Xi; R38, R41	68603-42-9
Ethyl alcohol	Alcohol	1-5	F; R11	64-17-5

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. Get medical advice if symptoms develop.
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

Flash Point (C):	not determined
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 label directions.
Respiratory protection:	Respiratory protective equipment is not normally necessary when this product is used according to label directions.
Hand protection:	Skin protection is not normally necessary when this product is used according to label directions.

Skin and body protection: Skin and body protection is not normally necessary when this product is used according to label directions.

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

Chemical Name	Australian Exposure Standards - Time Weighted Averages	Australian Exposure Standards - Short Term Exposure Limits	Australian Exposure Standards - Skin Effects
2,2',2"-nitrioltriethanol	5 mg/m ³		
Ethyl alcohol	1000 ppm 1880 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
Colour: light yellow
Odour: floral
pH: 7,5-8,0 (1%)
Vapour pressure: no data available
Vapour density: no data available
Boiling point/range: no data available
Freezing point/range (c): no data available
Solubility: no data available
Relative density: 0,965-1,065
Flash Point (C): not determined
Method: Not applicable
UEL / LEL: no data available
Autoignition temperature: no data available

10. STABILITY AND REACTIVITY

Stability: This product is stable.

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

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). Repeated overexposures to triethanolamine (ethanol, 2,2',2''-nitritoltris) can cause liver and kidney damage. Inhalation overexposure to hexylene glycol vapors may cause central nervous system depression (giddiness, headache, nausea and dizziness).

12. ECOLOGICAL INFORMATION

Environmental classification:	This product is not classified as dangerous for the environment. EC50>1 mg/L (fish, daphnia, algae). The toxicity testing results are from a nearly identical formula.
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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

Not regulated for road, rail, or air transport in the U.S.
Regulated as a marine pollutant for water transport.
This applies to household or personal care material packaged in a form intended or suitable for consumer use.
For non-consumer commodity packages, consult current transport regulations.

DOT:

UN/ID No.: not applicable
Proper shipping name: Consumer Commodity
Hazard Class: ORM-D
Packing group: not applicable

IMDG:

UN/ID No.: UN3082
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. (alcohol C12-16 poly (1-6) ethoxylate)
Hazard class: 9
Packing group: III

ICAO/IATA:

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

Packing group: not applicable

15. REGULATORY INFORMATION

Poisons schedule number: None allocated

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): 3

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