



SUNLIGHT Dishwashing Liquid

HMIS		NFPA	Personal protective equipment
Health	2	2	None / Aucune / Ninguno
Fire Hazard	1	1	
Reactivity	0	0	

Version Number: 3

Preparation date: 2011-08-02

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: SUNLIGHT Dishwashing Liquid

MSDS #: MS0500093

Product Code: 2979769

Recommended use: Industrial/Institutional. Dish soap. This product is intended to be diluted prior to use.

Manufacturer, importer, supplier:

US Headquarters
 Diversey, Inc.
 8310 16th St.
 Sturtevant, Wisconsin 53177-1964
 Phone: 1-888-352-2249

MSDS Internet Address: www.diversey.com

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

Canadian Headquarters
 Diversey, Inc. - Canada, Inc.
 2401 Bristol Circle
 Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. CAUSES EYE AND SKIN IRRITATION. COMBUSTIBLE LIQUID AND VAPOR.

Principal routes of exposure:

Eye contact. Skin contact. Inhalation.

Eye contact:

Moderately irritating to the eyes.

Skin contact:

Moderately irritating to the skin.

Inhalation:

None known.

Ingestion:

May cause irritation to mouth, throat and stomach .

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Diethanolamine	111-42-2	0.1 - 1.5%	Not available	7640 µL/kg	Not available
Magnesium oxide	1309-48-4	1 - 5%	2000	Not available	Not available
Ethyl alcohol	64-17-5	1 - 5%	7060	Not available	124.7 mg/L (4 h)
Dodecylbenzene sulfonic acid	68584-22-5	20 - 30%	530	Not available	Not available
Sodium lauryl ether sulfate	9004-82-4	10 - 20%	1600	Not available	Not available

4. FIRST AID MEASURES

Eye contact:

Flush immediately with plenty of water. If irritation persists, get medical attention.

Skin contact:

Flush immediately with plenty of water. If irritation persists, get medical attention.

Inhalation:

No specific first aid measures are required.

Ingestion:

If swallowed, give a cupful of water or milk.

Aggravated Medical Conditions:

Persons with pre-existing skin disorders may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Dry chemical, water spray, foam.

Specific hazards:

Although this product has a flash point below 200 Deg. F, it is an aqueous solution containing an alcohol and does not sustain combustion.

Unusual hazards:

None known

Specific methods:

No special methods required

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Remove all sources of ignition.

Environmental precautions and clean-up methods:

Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. COMBUSTIBLE LIQUID AND VAPOR. Keep away from open flames, hot surfaces and sources of ignition. Use only in well-ventilated areas. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

No special ventilation requirements General room ventilation is adequate

Personal Protective Equipment

Eye protection: No special requirements under normal use conditions.

Hand protection: No special requirements under normal use conditions

Skin and body protection: No special requirements under normal use conditions.

Respiratory protection: No special requirements under normal use conditions.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Diethanolamine	111-42-2	1 mg/m ³ (TWA)		
Magnesium oxide	1309-48-4	10 mg/m ³ (TWA)	15 mg/m ³ (TWA)	10 mg/m ³ (TWA)
Ethyl alcohol	64-17-5	1000 ppm (STEL)	1000 ppm (TWA) 1900 mg/m ³ (TWA)	1000 ppm (TWA) 1900 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Bulk density: No information available

Appearance: Liquid

Evaporation Rate: No information available

Specific gravity: 1.048

Color: Clear Yellow

Vapor density: No information available

Odor: Lemon

Boiling point/range: Not determined

Melting point/range: Not determined

Decomposition temperature: Not determined

Autoignition temperature: No information available

Solubility: Completely Soluble

Density: 8.75 lbs/gal 1.048 Kg/L

Solubility in other solvents: No information available

Flash point: °F °C

Partition coefficient (n-octanol/water): No information available

Viscosity: No information available

Elemental Phosphorus: 0 % by wt.

VOC: 3.42 % *

pH: 6.5

Dilution pH: 7.0 @ 1:512

Explosion limits: - upper: Not determined - lower: Not determined

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability:

The product is stable

Polymerization:

Hazardous polymerization does not occur

Hazardous decomposition products: None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 estimated to be greater than 5000 mg/kg Dermal LD50 estimated to be > 2000 mg/kg
Component Information: See Section 3

Chronic toxicity: None known

Specific effects

Carcinogenic effects:	None known
Mutagenic effects:	None known
Reproductive toxicity:	None known
Target organ effects:	None known

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: Please refer to the Diversey HazMat Library, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

15. REGULATORY INFORMATION

International Inventories at CAS# Level

All components of this product are listed on the following inventories: Canada (DSL/NDSL), U.S.A. (TSCA).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

RIGHT TO KNOW (RTK)

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Diethanolamine	111-42-2	X	X	X	X
Sodium xylene sulfonate	1300-72-7	-	-	-	-
Magnesium oxide	1309-48-4	X	X	X	X
Ethyl alcohol	64-17-5	X	X	X	X
Dodecylbenzene sulfonic acid	68584-22-5	-	-	-	-
Water	7732-18-5	-	-	-	-
Sodium lauryl ether sulfate	9004-82-4	-	-	-	-

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Diethanolamine	111-42-2	0.1 - 1.5%	100		X

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Diethanolamine	X		

SARA 311/312 Hazard Categories

Immediate:	X
Delayed:	-
Fire:	X
Reactivity:	-

Sudden Release of Pressure:

Canada

WHMIS hazard class: B3 Combustible liquid , D2B Toxic materials.



16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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