



SUNLIGHT Dishwashing Liquid

| HMIS | | NFPA | Personal protective equipment |
|-------------------------------|---|------|-------------------------------|
| Health | 2 | 2 | None / Aucune / Ninguno |
| Flammability | 1 | 1 | |
| Physical Hazard / Instability | 0 | 0 | |

Version Number: 3

Preparation date: 2012-03-28

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: Canadian Headquarters
 US Headquarters
 Diversey, Inc.
 8310 16th St.
 Sturtevant, Wisconsin 53177-1964
 Phone: 1-888-352-2249
 MSDS Internet Address: www.diversey.com

2401 Bristol Circle
 Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

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

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

| | |
|--|---|
| <p>Physical State: Liquid Appearance: Liquid Specific gravity: 1.048 Vapor density: No information available Boiling point/range: Not determined Decomposition temperature: Not determined Solubility: Completely Soluble Solubility in other solvents: No information available Partition coefficient (n-octanol/water): No information available Elemental Phosphorus: 0 % by wt. pH: 6.5 Explosion limits: - upper: Not determined - lower: Not determined</p> | <p>Bulk density: No information available Evaporation Rate: No information available Color: Clear Yellow Odor: Lemon Melting point/range: Not determined Autoignition temperature: No information available Density: 8.75 lbs/gal 1.048 Kg/L Flash point: 134.96 °F 57.2 °C Viscosity: No information available VOC: 3.42 % * Dilution pH: 7.0 @ 1:512</p> |
|--|---|

* - 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 | - |
| Ethyl alcohol | 64-17-5 | 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

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