



### Sunlight Liquid Dish - Lemon

HMIS		NFPA	Personal protective equipment
Health	2		
Flammability	0		
Physical Hazard / Instability	0		

Version Number: 1

Preparation date: 2014-09-09

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Sunlight Liquid Dish - Lemon

**SDS #:** MS0301494

**Product Code:** 5729829, 5729360, 5729811, 5729837

**Recommended use:**

- Industrial/Institutional
- Dish soap
- This product is intended to be diluted prior to use

**Manufacturer, importer, supplier:**

US Headquarters Sealed Air 8215 Forest Point Blvd. Charlotte, NC 28273-5509 Phone: 1-888-352-2249 SDS Internet Address: <a href="https://sds.sealedair.com">https://sds.sealedair.com</a>	Canadian Headquarters Sealed Air - Canada 3755 Laird Road Mississauga, Ontario L5L 0B3 Phone: 1-800-668-7171
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**Emergency telephone number:** 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

### 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**  
WARNING. CAUSES EYE AND SKIN IRRITATION.

**Principal routes of exposure:** Skin contact. Inhalation. Eye contact.

**Eye contact:** Severe eye irritation.

**Skin contact:** Moderately irritating to the skin.

**Inhalation:** May be irritating to nose, throat, and respiratory tract.

**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
Ethyl alcohol	64-17-5	1 - 5%	7060	Not available	=124.7 mg/L (4 h)
Magnesium oxide	1309-48-4	0.1 - 1.5%	2000	Not available	Not available
Sulfuric acid	7664-93-9	0.1 - 1.5%	2140	Not available	=510 mg/m <sup>3</sup> (2 h)
Sulphur dioxide	7446-09-5	0.1 - 1.5%	2520	Not available	=2500 ppm (1 h)
d-Limonene	5989-27-5	0.1 - 1.5%	4400	>5 g/kg	Not available

### 4. FIRST AID MEASURES

**Eye contact:** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

**Skin contact:** Flush immediately with plenty of water. If irritation persists, get medical attention.

**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention.

**Ingestion:** Give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER.

DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Aggravated Medical Conditions:**

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

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.  
**Specific hazards:** Not applicable.  
**Unusual hazards:** None known.

**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:** Put on appropriate personal protective equipment (see Section 8.).  
**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Do not taste or swallow. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. 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:** Chemical-splash goggles.  
**Hand protection:** Chemical-resistant gloves  
**Skin and body protection:** No special protective clothing is required.  
**Respiratory protection:** No special protective clothing is required.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Ethyl alcohol	64-17-5	1000 ppm (STEL)	1000 ppm (TWA) 1900 mg/m <sup>3</sup> (TWA)	1000 ppm (TWA) 1900 mg/m <sup>3</sup> (TWA)
Magnesium oxide	1309-48-4	10 mg/m <sup>3</sup> (TWA)	15 mg/m <sup>3</sup> (TWA)	10 mg/m <sup>3</sup> (TWA)
Sulfuric acid	7664-93-9	0.2 mg/m <sup>3</sup> (TWA)	1 mg/m <sup>3</sup> (TWA)	1 mg/m <sup>3</sup> (TWA)
Sulphur dioxide	7446-09-5	0.25 ppm (STEL)	5 ppm (TWA) 13 mg/m <sup>3</sup> (TWA)	5 ppm (STEL) 10 mg/m <sup>3</sup> (STEL) 2 ppm (TWA) 5 mg/m <sup>3</sup> (TWA)

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid  
**Appearance:** Liquid Aqueous solution  
**Specific gravity:** 1.059  
**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:** 0.00 % by wt.  
**pH:** 6  
**Explosion limits:** - upper: Not determined - lower: Not determined

**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:** 8.83 lbs/gal 1.059 Kg/L  
**Flash point:** > 200 °F > 93.3 °C  
**Viscosity:** No information available  
**VOC:** 2.27 %\*  
**Dilution pH:** 7 @ 1:256

\* - 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

Ingredient(s)	CAS #	NTP	IARC	OSHA
Ethyl alcohol	64-17-5		-	
Sulfuric acid	7664-93-9	X	1	
d-Limonene	5989-27-5		-	

## 12. ECOLOGICAL INFORMATION

**Environmental Information:** No data available.

## 13. DISPOSAL CONSIDERATIONS

### **Waste from residues / unused products:**

This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations. This product, when diluted as stated on this SDS, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**RCRA Hazard Class (undiluted product):** Not Regulated

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Proper shipping descriptions can vary by pack size. Please refer to the Diversey HazMat Library, **only available through Internet Explorer**, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

**IMDG (Ocean) Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

## 15. REGULATORY INFORMATION

### International Inventories at CAS# Level

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

### 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:
Water	7732-18-5	-	-	-	-
Dodecylbenzene sulfonic acid	68584-22-5	-	-	-	-
Sodium lauryl ether sulfate	9004-82-4	-	-	-	-
Cocamidopropyl betaine	61789-40-0	-	-	-	-
Ethyl alcohol	64-17-5	X	X	X	-
Magnesium oxide	1309-48-4	X	X	X	-
Sulfuric acid	7664-93-9	X	X	X	X
Sulphur dioxide	7446-09-5	X	X	X	X
d-Limonene	5989-27-5	-	X	-	-

**CERCLA/ SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sulfuric acid	7664-93-9	0.1 - 1.5%	1000	1000	X
Sulphur dioxide	7446-09-5	0.1 - 1.5%		500	

**SARA 311/312 Hazard Categories****Canadian Regulations**

WHMIS hazard class: D2B Toxic materials.



Ingredient(s)	CAS #	NPRI
Sulfuric acid	7664-93-9	X
d-Limonene	5989-27-5	X

<b>16. OTHER INFORMATION</b>
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**Reason for revision:**

Not applicable

**Prepared by:**

NAPRAC

**Additional advice:**

- Contains an added fragrance, see "Odor" heading in section 9 for specific description
- This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

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