

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identity:** Mrs. Meyer's Clean Day  
Dish Soap – All Fragrances

**HMIS Hazard Ratings**  
Health 2  
Fire 0  
Physical Hazard 0

**Intended Use:** Dish Soap  
**Restrictions on Use:** None  
**Manufacturer:** The Caldrea Company  
420 North Fifth St.  
Ford Centre, Suite 600  
Minneapolis, MN 55401

**Telephone:** 612-371-0003  
**Emergency Information:** 612-371-0003  
**SDS Date of Preparation:** 11/12/14

## 2. HAZARDS IDENTIFICATION

### GHS / HAZCOM 2012 Classification:

Health	Physical
Eye Irritant Category 2A Skin Irritant Category 2 Skin Sensitizer Category 1	Not Hazardous

### Label Elements



#### WARNING!

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

P261 Avoid breathing mist or vapors.

P272 Contaminated work clothing should not be allowed out of the workplace.

P264 Wash exposed skin thoroughly after handling.

P280 Wear protective gloves, eye protection and face protection.

P302 + P352 IF ON SKIN: Wash with plenty of water.

P333 + P313 If skin irritation or rash occurs: Get medical attention.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical attention.

P363 Wash contaminated clothing before reuse.

P501 Dispose of contents and container in accordance with local and national regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Sodium Lauryl Sulfate	68585-47-7	< 10
Lauramine Oxide	1643-20-5	< 3
Glycerine	56-81-5	1
Fragrance	Proprietary	1

The exact concentrations are a trade secret.

### 4. FIRST AID MEASURES

**Eye Contact:** Flush the eyes with large amounts of water for 15 minutes while holding the eyelids open to assure that the entire surface is flushed. Get medical attention if irritation persists.

**Skin Contact:** If irritation or rash develop, discontinue use and wash skin with water. Get medical attention if irritation persists.

**Ingestion:** Not acutely toxic. If a large amount is swallowed, call Poison Control Center or hospital emergency department and follow their instructions. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to or induce vomiting in an unconscious or convulsing person.

**Inhalation:** Inhalation overexposure is unlikely, however, if irritation occurs, remove victim to fresh air. Get medical attention if symptoms persist.

**Most important symptoms:** Contact causes eye irritation. Causes skin irritation in some individuals. Inhalation of mists may cause mild respiratory irritation. May cause an allergic skin reaction in sensitive individuals.

**Indication of immediate medical attention and special treatment, if needed:** None expected.

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use media appropriate for surrounding fire.

**Specific hazards arising from the chemical:** None. This product is not flammable or combustible. Thermal decomposition may produce oxides of carbon and sulfur.

**Special firefighting procedures:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Keep unnecessary personnel away. Ventilate the area. Do not touch or walk through spilled material.

**Methods and materials for containment / clean up:**

Small Spills: Wipe up with a paper towel or other absorbent material place in container for disposal.

Large Spills: Wear appropriate protective clothing as described in Section 8. Contain and recover liquid where possible. Collect residual using an inert absorbent material and place in appropriate containers for disposal. Wash spill area with water. Prevent large spills from entering sewers and watercourses. Report releases as required by local, state and federal authorities.

**Refer to Section 13 for disposal information.**

**7. HANDLING AND STORAGE**

**Precautions for safe handling:** Avoid contact with the eyes and skin. Use in accordance with package instructions.

**Conditions for safe storage, including any incompatibilities:** Follow storage instructions on the product label.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines:**

Component	Exposure Limits
Sodium Lauryl Sulfate	None Established
Lauramine Oxide	None Established
Glycerine	15 mg/m <sup>3</sup> TWA OSHA PEL (As oil mist) 5 mg/m <sup>3</sup> TWA OSHA PEL (Respirable fractions)
Fragrance	None Established

**Engineering Controls:** General room ventilation will be adequate for normal use.

**Personal protective equipment**

**Respiratory Protection:** None normally required. In operations where exposure levels are exceeded, a NIOSH approved respirator with organic vapor/dust/mist cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Hand Protection:** Use protective gloves.

**Eye Protection:** Wear safety glasses or goggles when handling large amounts and eye contact is possible.

**Skin and body protection:** None required under normal use conditions. For industrial settings: Use personal protective equipment as required.

**Hygiene measures:** Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance And Odor:** Liquid with a pleasant odor.

<b>Physical State:</b> Liquid	<b>Odor Threshold:</b> Not determined
<b>pH:</b> 7.4 – 7.9	<b>Specific Gravity:</b> 1.00 -1.02
<b>Initial Boiling Point/Range:</b> Not determined	<b>Vapor Pressure:</b> Same as water
<b>Melting/Freezing Point:</b> Not determined	<b>Vapor Density:</b> Same as water
<b>Solubility In Water:</b> Soluble	<b>Percent Volatile:</b> Not determined
<b>Viscosity:</b> 400-600 cps @ 25°C LVT #2 @ 30 rpm	<b>Evaporation Rate:</b> Not determined
<b>Coefficient Of Water/Oil Distribution:</b> Not determined	<b>VOC Content:</b> Not determined
<b>Flash Point:</b> Not determined	<b>Autoignition Temp:</b> Not determined

<b>Decomposition Temperature:</b> Not determined	<b>Flammability Limits:</b> LEL: Not determined UEL: Not determined
<b>Flammability (solid, gas):</b> Not applicable	

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Non-reactive
<b>Chemical stability:</b>	Stable
<b>Possibility of hazardous reactions:</b>	Will not occur.
<b>Conditions to avoid:</b>	None.
<b>Incompatible materials:</b>	Strong oxidizers.
<b>Hazardous decomposition products:</b>	Oxides of carbon and sulfur.

## 11. TOXICOLOGICAL INFORMATION

### HEALTH HAZARDS:

**Ingestion:** May cause gastrointestinal irritation.

**Inhalation:** Inhalation exposure will not occur in normal use. Inhalation of mists may cause mild nose and throat irritation.

**Eye Contact:** Causes eye irritation with redness, tearing, and pain.

**Skin Contact:** Contact causes irritation. May cause an allergic skin reaction in sensitive individuals.

**Chronic Effects:** No adverse effects from chronic exposure are expected.

**Carcinogenicity:** None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

**Product Acute Toxicity Values:** No data available.

Sodium Lauryl Sulfate:	LD50 Oral Rat: >2,000 mg/kg
Lauramine Oxide:	LD 50 RAT > 20,000 mg/kg
Glycerin:	LD50 Oral Rat: 27,000 mg/kg LD50 Skin Guinea pig: 56,750 mg/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data for product.

Glycerin: LC50 Oncorhynchus mykiss (Rainbow trout) 54,000 mg/L/96 hr.  
EC50: Daphnia Magna: 1,955 mg/L/48 hr.

### Persistence and Degradability:

Lauramine Oxide: Lauramine oxide, present at 100 mg/L, was 100% removed in 4 weeks as measured by liquid chromatography-mass spectrometry.

Glycerin: Readily biodegradable

### Bio-accumulative Potential:

Lauramine Oxide: The potential for bioconcentration in aquatic organisms is low.

**Mobility in Soil:**

Lauramine Oxide: Very high mobility in soil.

**Other Adverse Effects:** None

**13. DISPOSAL CONSIDERATIONS**

**Disposal instructions:** For Consumer Use – Empty containers may be offered for recycling or discarded with house hold trash.  
Applicable for industrial settings only: Dispose of product in accordance with all local, state/provincial and federal regulations.

**Contaminated packaging:** Offer rinsed packaging material to local recycling facilities.

**14. TRANSPORT INFORMATION**

**DOT Hazardous Materials Description:**

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

**15. REGULATORY INFORMATION**

**CERCLA:** This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**SARA Hazard Category (311/312):** Acute Health.

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

**EPA TSCA Inventory:** All of the ingredients in this product are listed on the EPA TSCA Inventory.

**CANADA:**

This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

**Canadian WHMIS Classification:** D-2 Subdivision B: Toxic material causing other chronic effects.

**16. OTHER INFORMATION**

**NFPA Rating:** Health = 2      Fire = 0      Instability = 0

**Revision History:**

**11/12/2014:** New SDS