

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity: Mrs. Meyers Clean Day-Dishwashing Liquid
All Fragrances

HMIS Hazard Ratings

Health 1
Fire 0
Reactivity 0

Intended Use: Cleaning Dishes

Manufacturer: The Caldrea Company
420 North Fifth St.
Ford Centre, Suite 600
Minneapolis, MN 55401

Telephone: 612-371-0003

Emergency Information: 612-371-0003

MSDS Date of Preparation: 05/04/12

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Water and Non-hazardous ingredients	Mixture	40-50
Sodium Lauryl Sulfate	68585-47-7	5-15
Lauryl glucoside	110615-47-9	5-15
Amine Oxide	1643-20-5	1-5
Fragrance	Proprietary	1-3%
Glycerin	56-81-5	<2

3. HAZARDS IDENTIFICATION

This product is a clear to slight yellow liquid with a characteristic odor.

EMERGENCY OVERVIEW

CAUTION!

Causes eye irritation. Prolonged skin contact may cause irritation. Ingestion may cause gastrointestinal irritation

4. FIRST AID MEASURES

Eye: Immediately flush victim's eyes with large quantities of water for at least 15 minutes, holding the eyelids apart. Get medical attention.

Skin: No first aid should be required. If irritation develops, discontinue use and get medical advice.

Ingestion: 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.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use media appropriate for surrounding fire.

Unusual Fire or Explosion Hazards: None known.

Special Fire-Fighting Instructions: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals.

Explosion Data (sensitivity to mechanical impact or static discharge): None known.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Wipe up with a paper towel or cloth and rinse out or place in container for disposal. Rinse spill area with water.

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. Note: Use caution. Surfaces will be slippery.

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

Handling: Avoid contact with the eyes. Keep containers closed when not in use.

Storage: Store in a cool, dry place. Keep container closed when not in use. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Lauryl glucoside	None Established
Sodium Lauryl Sulfate	None Established
Amine Oxide	None Established
Glycerin	10 mg/m ³ TWA ACGIH TLV (as mist) 5 mg/m ³ TWA (respirable), 15 mg/m ³ TWA (total dust OSHA PEL)
Fragrance	None Established

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

Respiratory Protection: None normally required. In operations where exposure levels are excessive, 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.

Skin Protection: None normally required. Wear impervious gloves such as rubber if prolonged contact with concentrated soap is likely.

Eye Protection: Avoid eye contact. Chemical safety goggles recommended when handling large amounts.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Clear to slight yellow liquid with a characteristic odor.

Physical State: Liquid	Boiling Point: Not available
Vapor Density: Same as water	Vapor Pressure: Not available
Solubility In Water: Soluble	Evaporation Rate: Same as water

Specific Gravity: Not determined	pH: 7.00-8.00
Melting Point: Not available	Octanol/Water Coefficient: Not determined
VOC Content: 2.96%*	
Flashpoint: None	Autoignition Temperature: None
Flammable Limits: LEL: Not applicable	UEL: Not applicable

* Per California CARB Definition

10. STABILITY AND REACTIVITY

Stability: Stable under normal storage and handling conditions.

Incompatibility: Strong oxidizing agents, strong acids, bases and strong reducing agents.

Hazardous Decomposition Products: Thermal decomposition of combustion will generate oxides of carbon, sulfur, and unidentified organic compounds.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Ingestion: May cause gastrointestinal irritation including nausea, vomiting, diarrhea, and cramps.

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

Eye: Causes eye irritation and blurred vision. Prolonged contact may cause more serious irritation and possible eye injury.

Skin: No adverse effects expected under normal use conditions. May cause irritation in some individuals on prolonged contact.

Chronic: No adverse effects from chronic exposure are expected.

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

Medical Conditions Aggravated by Exposure: Employees with pre-existing skin disease.

Product Acute Toxicity Values:

Lauryl glucoside: No data available

Sodium Lauryl Sulfate: No data available

Amine Oxide: LD50 oral mouse 2700 mg/kg; LD50 intraperitoneal 271 mg/kg

Glycerin: LD50 oral rat 12600 mg/kg; LC50 inhalation rat >570 mg/m³/1hr ; LD50 skin rabbit 10000 mg/kg

Fragrance: No data available

Product Irritation/Sensitization Data:

Sodium Lauryl Sulfate	Eye irritation (Rabbit): Severe irritation Skin irritation (Rabbit): Severe irritation
Glycerin	Eye irritation (Rabbit): Non-irritant Skin irritation: (Rabbit): Non-irritant

12. ECOLOGICAL INFORMATION

No data is currently available for this product as a mixture.

Glycerin: 24 hr LC50 Goldfish >5000 mg/L; 24 hr LC50 Daphnia magna >10,000 mg/L

13. DISPOSAL CONSIDERATIONS

It is the responsibility of the waste generator to determine the classification of waste at the time of disposal.
Dispose in accordance with local, state and federal environmental regulations.

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

California Proposition 65: This product is not known to contain any chemicals which are known to the State of California to cause cancer: 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 MSDS discloses information elements required by the CPR.

Canadian WHMIS Classification: Class D-2-B (Eye Irritant)

16. OTHER INFORMATION

NFPA Rating: Health = 1 Fire = 0 Reactivity = 0