

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

MRS. MEYER'S® CLEAN DAY DISH SOAP - LEMON VERBENA

Version 1.1

Print Date 12/07/2015

Revision Date 11/24/2015

SDS Number 350000025157

1. PRODUCT AND COMPANY IDENTIFICATION**Product information**

Product name : MRS. MEYER'S® CLEAN DAY DISH SOAP - LEMON VERBENA

Recommended use : Hard Surface Cleaner

Manufacturer, importer, supplier : Caldrea
1525 Howe Street
Racine WI 53403-2236

Telephone : +18778651508

Emergency telephone number : 24 Hour Medical Emergency Phone: (866)231-5406
24 Hour International Emergency Phone: (703)527-3887
24 Hour Transport Emergency Phone: (800)424-9300

2. HAZARDS IDENTIFICATION**Classification of the substance or mixture****Globally Harmonized System (GHS) Classification**

| Hazard classification | Hazard category | Hazards identification |
|-----------------------|-----------------|--------------------------------------|
| Skin sensitisation | Category 1 | May cause an allergic skin reaction. |

Labelling

Hazard symbols
Exclamation mark

Signal word
Warning

Hazard statements
May cause an allergic skin reaction.

Precautionary statements
If medical advice is needed, have product container or label at hand.

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Keep out of reach of children.

Read label before use.

Specific treatment (see supplemental first aid instructions on this label).

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/ attention.

Wash contaminated clothing before reuse.

Dispose of contents/ container to an approved incineration plant.

Wear protective gloves.

Avoid breathing spray.

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

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No. | Weight percent |
|---|-------------|----------------|
| Sulfuric acid, mono-C10-16-alkyl esters, sodium salts | 68585-47-7 | 5.00 - 10.00 |
| Alkylpolyglycoside C10-16 | 110615-47-9 | 5.00 - 10.00 |
| Lauryl dimethyl amine oxide | 1643-20-5 | 1.00 - 5.00 |
| Glycerin | 56-81-5 | 1.00 - 5.00 |
| Fragrance - Trade Secret | Mixture | 1.00 - 5.00 |

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

For additional information on product ingredients, see www.caldrea.com.

4. FIRST AID MEASURES

Eye contact : No special requirements

Skin contact : Wash off with plenty of water. If skin irritation or rash occurs: Get medical advice/ attention.

Inhalation : No special requirements.

Ingestion : No special requirements

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5. FIREFIGHTING MEASURES

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during firefighting** : Container may melt and leak in heat of fire.
- Further information** : Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear personal protective equipment. Wash thoroughly after handling.
- Environmental precautions** : Outside of normal use, avoid release to the environment.
- Methods and materials for containment and cleaning up** : Dike large spills. Clean residue from spill site.

7. HANDLING AND STORAGE

- Handling**
- Precautions for safe handling** : Avoid contact with skin, eyes and clothing. For personal protection see section 8. Use only as directed. KEEP OUT OF REACH OF CHILDREN AND PETS. Contaminated work clothing should not be allowed out of the workplace. Avoid breathing vapours, mist or gas.
- Advice on protection against fire and explosion** : Normal measures for preventive fire protection.
- Storage**
- Requirements for storage** : Keep container closed when not in use.

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areas and containers

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

| Components | CAS-No. | mg/m ³ | ppm | Non-standard units | Basis |
|------------|---------|----------------------|-----|--------------------|----------|
| Glycerin | 56-81-5 | 15 mg/m ³ | - | - | OSHA TWA |
| Glycerin | 56-81-5 | 5 mg/m ³ | - | - | OSHA TWA |

Personal protective equipment

Respiratory protection : No special requirements.

Hand protection : Wear suitable gloves.

Eye protection : No special requirements.

Skin and body protection : No special requirements.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : Colorless

Odor : Citrus

Odour Threshold : Test not applicable for this product type

pH : 7.4 - 7.9

Melting point/freezing point : 0 °C

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Initial boiling point and boiling range : Test not applicable for this product type

Flash point : does not flash

Evaporation rate : Test not applicable for this product type

Flammability (solid, gas) : Does not sustain combustion.

Upper/lower flammability or explosive limits : Test not applicable for this product type

Vapour pressure : Test not applicable for this product type

Vapour density : Test not applicable for this product type

Relative density : 1.01 g/cm³ at 25 °C

Solubility(ies) : soluble

Partition coefficient: n-octanol/water : Test not applicable for this product type

Auto-ignition temperature : Test not applicable for this product type

Decomposition temperature : Test not applicable for this product type

Viscosity, dynamic : Test not applicable for this product type

Viscosity, kinematic : Test not applicable for this product type

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| | | | |
|--|---|---|---|
| Oxidizing properties | : | Test not applicable for this product type | : |
| Volatile Organic Compounds Total VOC (wt. %)* | : | 0.3 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations | : |
| Other information | : | None identified | : |

10. STABILITY AND REACTIVITY

| | | |
|---|---|--|
| Possibility of hazardous reactions | : | If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated. |
| Conditions to avoid | : | Direct sources of heat. |
| Incompatible materials | : | Do not mix with bleach or any other household cleaners. Strong bases |
| Hazardous decomposition products | : | Thermal decomposition can lead to release of irritating gases and vapours. |

11. TOXICOLOGICAL INFORMATION

| | | |
|----------------------------------|---|---|
| Emergency Overview | : | Warning |
| Acute oral toxicity | : | NA GHS LD50 Calculated > 5,000 mg/kg |
| Acute inhalation toxicity | : | NA GHS LC50 (dust and mist) Calculated > 5.0 mg/l |
| Acute dermal toxicity | : | NA GHS LD50 Calculated > 5,000 mg/kg |

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| GHS Properties | Classification | Routes of entry |
|--|----------------------------|----------------------------|
| Acute toxicity | No classification proposed | Oral |
| Acute toxicity | No classification proposed | Dermal |
| Acute toxicity | No classification proposed | Inhalation - Dust and Mist |
| Acute toxicity | No classification proposed | Inhalation - Vapour |
| Acute toxicity | No classification proposed | Inhalation - Gas |
| Skin corrosion/irritation | No classification proposed | - |
| Serious eye damage/eye irritation | No classification proposed | - |
| Skin sensitisation | Category 1 | - |
| Respiratory sensitisation | No classification proposed | - |
| Germ cell mutagenicity | No classification proposed | - |
| Carcinogenicity | No classification proposed | - |
| Reproductive toxicity | No classification proposed | - |
| Specific target organ toxicity - single exposure | No classification proposed | - |
| Specific target organ toxicity - repeated exposure | No classification proposed | - |
| Aspiration hazard | No classification proposed | - |

Aggravated Medical Condition : None known.

12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

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Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

| Components | End point | Species | Value | Exposure time |
|---|--|--------------------------------------|----------------------|---------------|
| Sulfuric acid, mono-C10-16-alkyl esters, sodium salts | No data available | | | |
| Alkylpolyglycoside C10-16 | semi-static test LC50 ISO 7346/2 | Fish | 1 - 10 mg/l | |
| | NOEC | Fish | > 1 - 10 mg/l | |
| Lauryl dimethyl amine oxide | semi-static test LC50 OECD Test Guideline 203 | Danio rerio (zebra fish) | 31.8 mg/l | 96 h |
| | flow-through test NOEC Read-across (Analogy) | Pimephales promelas (fathead minnow) | 0.42 mg/l | 302 d |
| Glycerin | LC50 | Oncorhynchus mykiss (rainbow trout) | 51,000 - 57,000 mg/l | 96 h |
| Fragrance - Trade Secret | No data | | | |

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| | | | | |
|--|-----------|--|--|--|
| | available | | | |
|--|-----------|--|--|--|

Toxicity to aquatic invertebrates

| Components | End point | Species | Value | Exposure time |
|---|---|----------------------------|---------------|---------------|
| Sulfuric acid, mono-C10-16-alkyl esters, sodium salts | | | | |
| Alkylpolyglycoside C10-16 | static test EC50 | Daphnia magna (Water flea) | 7 mg/l | 48 h |
| | NOEC | Daphnia | > 1 - 10 mg/l | |
| Lauryl dimethyl amine oxide | static test EC50 OECD Test Guideline 202 | Daphnia magna (Water flea) | 3.9 mg/l | 48 h |
| | flow-through test NOEC Read-across (Analogy) OECD Guideline 211 (Daphnia magna Reproduction Test) | Daphnia magna (Water flea) | 0.7 mg/l | 21 d |
| Glycerin | LC50 | Daphnia magna (Water flea) | 1,955 mg/l | 48 h |
| Fragrance - Trade Secret | No data | | | |

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| | | | | |
|--|-----------|--|--|--|
| | available | | | |
|--|-----------|--|--|--|

Toxicity to aquatic plants

| Components | End point | Species | Value | Exposure time |
|---|--|---|---------------|---------------|
| Sulfuric acid, mono-C10-16-alkyl esters, sodium salts | No data available | | | |
| Alkylpolyglycoside C10-16 | static test EC50 | Desmodosmus subspicatus (green algae) | 12.5 mg/l | 72 h |
| Lauryl dimethyl amine oxide | static test EC50 OECD Test Guideline 201 | Pseudokirchneriella subcapitata (green algae) | 0.2 mg/l | 72 h |
| Glycerin | No data available | Scenedesmus quadricauda (Green algae) | > 10,000 mg/l | 168 h |
| Fragrance - Trade Secret | No data available | | | |

Persistence and degradability

| Component | Biodegradation | Exposure time | Summary |
|---|-------------------|---------------|-----------------------|
| Sulfuric acid, mono-C10-16-alkyl esters, sodium salts | No data available | | |
| Alkylpolyglycoside C10-16 | > 70 % | 28 d | Readily biodegradable |
| Lauryl dimethyl amine oxide | 96 % | 19 d | |
| Glycerin | 94 % | 24 h | Readily biodegradable |
| Fragrance - Trade Secret | No data available | | |

Bioaccumulative potential

| Component | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|-----------------------------|-------------------------------|---|
| Sulfuric acid, mono-C10-16- | | |

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| | | |
|-----------------------------|-------------------|-------------------|
| alkyl esters, sodium salts | | |
| Alkylpolyglycoside C10-16 | No data available | <= -0.07 |
| Lauryl dimethyl amine oxide | > 87 | < 2.7 |
| Glycerin | 0.89 estimated | -1.76 |
| Fragrance - Trade Secret | No data available | No data available |

Mobility

| Component | End point | Value |
|---|-------------------|-------------------|
| Sulfuric acid, mono-C10-16-alkyl esters, sodium salts | No data available | |
| Alkylpolyglycoside C10-16 | log Koc | 1.7 |
| Lauryl dimethyl amine oxide | Koc | > 2113 Calculated |
| Glycerin | No data available | - |
| Fragrance - Trade Secret | No data available | |

PBT and vPvB assessment

| Component | Results |
|-----------------------------|--------------------------------------|
| Alkylpolyglycoside C10-16 | Not fulfilling PBT and vPvB criteria |
| Lauryl dimethyl amine oxide | Not fulfilling PBT and vPvB criteria |
| Glycerin | Not fulfilling PBT and vPvB criteria |
| Fragrance - Trade Secret | Not fulfilling PBT and vPvB criteria |

Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

Consumer may discard empty container in trash, or recycle where facilities exist.

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14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

Land transport

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Notification status : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

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

16. OTHER INFORMATION

HMIS Ratings

| | |
|--------------|---|
| Health | 1 |
| Flammability | 0 |
| Reactivity | 0 |

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NFPA Ratings

| | |
|-------------------|---|
| Health | 1 |
| Fire | 0 |
| Reactivity | 0 |
| Special | - |

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

| | |
|-------------|---|
| Prepared by | Global Safety Assessment & Regulatory Affairs (GSARA) |
|-------------|---|