

Safety Data Sheet

according to WHMIS 1988

MRS MEYER'S® CLEAN DAY HAND SOAP (LEMON VERBENA SCENT)

Version 1.1

Print Date 05/30/2018

Revision Date 06/07/2017

SDS Number 350000025189

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : MRS MEYER'S® CLEAN DAY HAND SOAP (LEMON VERBENA SCENT)

Recommended use : Personal care

Manufacturer, importer, supplier : Caldrea
1 Webster Street
Brantford ON N3T 5R1

Telephone : +18778651508

Emergency telephone number : 24 Hour Transport & Medical Emergency Phone (866) 231-5406
24 Hour International Emergency Phone (952) 852-4647
24 Hour Canadian Transport Emergency Phone (CANUTEC) (613) 996-6666

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance / Odor : Colorless / liquid / Citrus

Immediate Concerns : No adverse effects expected when used as directed.

Potential Health Effects

Eyes : No adverse effects expected when used as directed.

Skin : No adverse effects expected when used as directed.

Inhalation : No adverse effects expected when used as directed.

Ingestion : No adverse effects expected when used as directed.

Aggravated Medical Condition : None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Cocamidopropyl Hydroxysultaine	691400-36-9	1.00 - 5.00
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	149458-07-1	1.00 - 5.00

Safety Data Sheet

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MRS MEYER'S® CLEAN DAY HAND SOAP (LEMON VERBENA SCENT)

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Print Date 05/30/2018

Revision Date 06/07/2017

SDS Number 350000025189

Glycerin	56-81-5	1.00 - 5.00
Citronella oil	8000-29-1	0.0001 - 0.10

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

4. FIRST AID MEASURES

- Eye contact** : No special requirements
- Skin contact** : No special requirements
- Inhalation** : No special requirements.
- Ingestion** : No special requirements

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** : 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.
KEEP OUT OF REACH OF CHILDREN AND PETS.
- Advice on protection against fire and explosion** : Normal measures for preventive fire protection.

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Storage

Requirements for storage areas and containers : Keep container closed when not in use.

Safety Data Sheet

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Glycerin	56-81-5	10 mg/m3	-	-	CA-AB_TWAS
Glycerin	56-81-5	10 mg/m3	-	-	CA-BC_TWAS
Glycerin	56-81-5	3 mg/m3	-	-	CA-BC_TWAS
Glycerin	56-81-5	10 mg/m3	-	-	CA-NB_TWAS
Glycerin	56-81-5	20 mg/m3	-	-	CA-NT_STEL
Glycerin	56-81-5	10 mg/m3	-	-	CA-NT_TWAS
Glycerin	56-81-5	20 mg/m3	-	-	CA-NU_STEL
Glycerin	56-81-5	10 mg/m3	-	-	CA-NU_TWAS
Glycerin	56-81-5	10 mg/m3	-	-	CA-ON_TWAE
Glycerin	56-81-5	10 mg/m3	-	-	CA-QC_TWAE
Glycerin	56-81-5	10 mg/m3	-	30 mppcf	CA-YK_TWAS
Glycerin	56-81-5	20 mg/m3	-	-	CA-SK_STEL
Glycerin	56-81-5	10 mg/m3	-	-	CA-SK_TWAS

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Glycerin	56-81-5	10 mg/m3	-	-	CA-MB_TWAS
Glycerin	56-81-5	10 mg/m3	-	-	CA-NS_TWAS

Personal protective equipment

Respiratory protection : No special requirements.

Hand protection : No special requirements.

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 : 5 - 5.5

Melting point/freezing point : 0 °C

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) : The product is not flammable.

Safety Data Sheet

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Version 1.1

Print Date 05/30/2018

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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	: 1.03 g/cm ³ 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	: 4,000 mPa.s
Viscosity, kinematic	: Test not applicable for this product type
Oxidizing properties	: Test not applicable for this product type
Volatile Organic Compounds Total VOC (wt. %)*	: 0.2 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations
Other information	: None identified

10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under recommended storage conditions.

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Version 1.1

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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

Acute oral toxicity	: No data available
Acute inhalation toxicity	: No data available
Acute dermal toxicity	: No data available
Chronic effects	
Carcinogenicity	: None Anticipated
Mutagenicity	: None Anticipated
Reproductive effects	: None Anticipated
Teratogenicity	: None Anticipated
Sensitisation	: No data available

12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

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
Cocamidopropyl Hydroxysultaine	static test LC50 Read-across (Analogy)	Pimephales promelas (fathead minnow)	2.1 - 2.66 mg/l	96 h

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	OECD Test Guideline			
	203			
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	LC50		4.7 mg/l	96 h
	NOEC		0.25 mg/l	21 d
Glycerin	LC50	Oncorhynchus mykiss (rainbow trout)	51,000 - 57,000 mg/l	96 h
Citronella oil	No data available			

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Cocamidopropyl Hydroxysultaine	No data available semi-static test NOEC Read-across (Analogy) OECD Guideline 211 (Daphnia magna Reproduction Test)	Daphnia magna (Water flea)	1.05 mg/l	21 d
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	EC50 No data available		6.25 mg/l	48 h
Glycerin	LC50	Daphnia magna (Water flea)	1,955 mg/l	48 h

Safety Data Sheet

according to WHMIS 1988

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Revision Date 06/07/2017

SDS Number 350000025189

Citronella oil	No data available			
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Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Cocamidopropyl Hydroxysultaine	No data available			
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	EC50 No data available		0.71 mg/l	72 h
Glycerin	No data available	Scenedesmus quadricauda (Green algae)	> 10,000 mg/l	168 h
Citronella oil	No data available			

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Cocamidopropyl Hydroxysultaine	No data available		Readily biodegradable.
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	No data available		Readily biodegradable.
Glycerin	94 %	24 h	Readily biodegradable.
Citronella oil	No data available		

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Cocamidopropyl Hydroxysultaine	No data available	No data available
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	No data available	No data available
Glycerin	0.89 estimated	-1.76
Citronella oil	No data available	No data available

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Mobility

Component	End point	Value
Cocamidopropyl Hydroxysultaine	No data available	
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	No data available	
Glycerin	No data available	-
Citronella oil	No data available	-

PBT and vPvB assessment

Component	Results
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	Not fulfilling PBT and vPvB criteria
Glycerin	Not fulfilling PBT and vPvB criteria
Citronella oil	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.

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

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listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Notification status : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

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

NFPA Ratings

Health	1
Fire	0
Reactivity	0
Special	-

This information is being provided in accordance Canada's Workplace Hazard Material Information System (WHMIS). 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)
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