

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

MRS. MEYER'S® CLEAN DAY LAUNDRY DETERGENT (ROSEMARY)

Version 1.0

Print Date 10/16/2019

Revision Date 09/01/2015

SDS Number 350000028154

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : MRS. MEYER'S® CLEAN DAY LAUNDRY DETERGENT (ROSEMARY)

Recommended use : Laundry

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
Eye irritation	Category 2A	Causes serious eye irritation.

Labelling

Hazard symbols
Exclamation mark

Signal word
Warning

Hazard statements
Causes serious eye irritation.

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.

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

If eye irritation persists: Get medical advice/ attention.

Wear protective gloves/ protective clothing/ eye protection/ face protection.

Wash hands thoroughly after handling.

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Alkylpolyglycoside C10-16	110615-47-9	5.00 - 10.00
Alcohols, C12-16, ethoxylated	68551-12-2	5.00 - 10.00
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	149458-07-1	1.00 - 5.00
FATTY ACID, C8-18 and C18 UNSATURATED	67701-05-7	1.00 - 5.00
Fragrance - Trade Secret	Mixture	1.00 - 5.00
Subtilisins (proteolytic enzymes)	9014-01-1	0.0001 - 0.10

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 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.

Skin contact : No special requirements

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 | : 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.
Wash thoroughly after handling. |
| Advice on protection against fire and explosion | : Normal measures for preventive fire protection. |
| Storage | |
| Requirements for storage areas and containers | : Keep container closed when not in use. |

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

Personal protective equipment

Respiratory protection : No special requirements.

Hand protection : No special requirements.

Eye protection : Safety glasses with side-shields

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 : Herbal

Odour Threshold : Test not applicable for this product type

pH : 8.0 - 8.5
Test not applicable for this product type

Melting point/freezing point : 0 C

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

Flash point : does not flash

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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	: 1,045 - 1,070 g/cm ³ at 25 C
Solubility(ies)	: soluble
Partition coefficient: n-octanol/water	: Pow: 51 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	: 200 - 700 mPa.s
Viscosity, kinematic	: Test not applicable for this product type
Oxidizing properties	: Test not applicable for this product type
Volatile Organic	: 1.2 % - additional exemptions may apply

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Compounds
Total VOC (wt. %)*

*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

GHS Properties	Classification	Routes of entry
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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	-
Eye irritation	Category 2A	-
Skin sensitisation	No classification proposed	-
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.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is

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expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
Alkylpolyglycoside C10-16	semi-static test LC50 ISO 7346/2	Fish	1 - 10 mg/l	
	NOEC	Fish	> 1 - 10 mg/l	
Alcohols, C12-16, ethoxylated	LC50	Danio rerio (zebra fish)	1 - 10 mg/l	96 h
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	No data available			
FATTY ACID, C8-18 and C18 UNSATURATED	No data available			
Fragrance - Trade Secret	No data available			
Subtilisins (proteolytic enzymes)	LC50 OECD Test Guideline 203		8.2 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure
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				time
Alkylpolyglycoside C10-16	static test EC50	Daphnia magna (Water flea)	7 mg/l	48 h
	NOEC	Daphnia	> 1 - 10 mg/l	
Alcohols, C12-16, ethoxylated	No data available			
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	No data available			
FATTY ACID, C8-18 and C18 UNSATURATED	No data available			
Fragrance - Trade Secret	No data available			
Subtilisins (proteolytic enzymes)	EC50 OECD Test Guideline 202	Daphnia magna (Water flea)	0.586 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Alkylpolyglycoside C10-16	static test EC50	Desmodesmus subspicatus (green algae)	12.5 mg/l	72 h
Alcohols, C12-16, ethoxylated	No data available			
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	No data available			
FATTY ACID, C8-18 and C18	No data			

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UNSATURATED	available			
Fragrance - Trade Secret	No data available			
Subtilisins (proteolytic enzymes)	ErC50 OECD Test Guideline 201No data available		0.83 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Alkylpolyglycoside C10-16	> 70 %	28 d	Readily biodegradable
Alcohols, C12-16, ethoxylated	87 %	28 d	Readily biodegradable
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	No data available		
FATTY ACID, C8-18 and C18 UNSATURATED	No data available		
Fragrance - Trade Secret	No data available		
Subtilisins (proteolytic enzymes)	No data available		Readily biodegradable

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Alkylpolyglycoside C10-16	No data available	<= -0.07
Alcohols, C12-16, ethoxylated	1,152 1,152	5.96 5.96
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	No data available	No data available
FATTY ACID, C8-18 and C18 UNSATURATED	No data available	No data available
Fragrance - Trade Secret	No data available	No data available
Subtilisins (proteolytic enzymes)	No data available	No data available

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Mobility

Component	End point	Value
Alkylpolyglycoside C10-16	log Koc	1.7
Alcohols, C12-16, ethoxylated	No data available	
Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts	No data available	
FATTY ACID, C8-18 and C18 UNSATURATED	No data available	
Fragrance - Trade Secret	No data available	
Subtilisins (proteolytic enzymes)	No data available	

PBT and vPvB assessment

Component	Results
Alkylpolyglycoside C10-16	Not fulfilling PBT and vPvB criteria
Alcohols, C12-16, ethoxylated	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.

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.

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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

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

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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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