

# Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

## Mrs. Meyer's Clean Day Laundry Scent Booster Lemon Verbena

Version 1.1

Print Date 07/08/2021

Revision Date 06/15/2017

SDS Number 350000026901

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

**Product name** : Mrs. Meyer's Clean Day Laundry Scent Booster Lemon Verbena

**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 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 2B	Causes eye irritation.
Skin sensitisation	Category 1	May cause an allergic skin reaction.

#### Labelling

##### Hazard symbols

Exclamation mark

##### Signal word

Warning

##### Hazard statements

Causes eye irritation.

May cause an allergic skin reaction.

##### Precautionary statements

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If medical advice is needed, have product container or label at hand.  
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.  
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.  
Wash contaminated clothing before reuse.  
Dispose of contents/ container to an approved incineration plant.  
Wear protective gloves.  
Avoid breathing spray.  
Wash hands thoroughly after handling.  
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
Sodium chloride	7647-14-5	60.00 - 100.00
Corn starch	9005-25-8	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](http://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** : 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.
- Further information** : Although this product has a flash point below 200 Deg F, it is an aqueous solution containing an alcohol and does not sustain combustion. 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. In case of fire and/or explosion do not breathe fumes.

### 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** : Sweep up and shovel into suitable containers for disposal.  
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.  
Wash thoroughly after handling.

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**Advice on protection against fire and explosion** : Normal measures for preventive fire protection.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits

Components	CAS-No.	mg/m <sup>3</sup>	ppm	Non-standard units	Basis
Corn starch	9005-25-8	5 mg/m <sup>3</sup>	-	-	OSHA TWA
Corn starch	9005-25-8	15 mg/m <sup>3</sup>	-	-	OSHA TWA
Corn starch	9005-25-8	10 mg/m <sup>3</sup>	-	-	ACGIH 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** : granules
- Color** : off-white
- Odor** : Citrus
- Odour Threshold** : Test not applicable for this product type

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<b>pH</b>	: 5.65 at (25 C) aqueous solution
<b>Melting point/freezing point</b>	: Test not applicable for this product type
<b>Initial boiling point and boiling range</b>	: Test not applicable for this product type
<b>Flash point</b>	: 68 C 154.4 °F
<b>Evaporation rate</b>	: Test not applicable for this product type
<b>Flammability (solid, gas)</b>	: Does not sustain combustion.
<b>Upper/lower flammability or explosive limits</b>	: Test not applicable for this product type
<b>Vapour pressure</b>	: Test not applicable for this product type
<b>Vapour density</b>	: Test not applicable for this product type
<b>Relative density</b>	: Test not applicable for this product type
<b>Solubility(ies)</b>	: partly soluble
<b>Partition coefficient: n-octanol/water</b>	: Test not applicable for this product type
<b>Auto-ignition temperature</b>	: not auto-flammable

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<b>Decomposition temperature</b>	:	Test not applicable for this product type	:
<b>Viscosity, dynamic</b>	:	Test not applicable for this product type	:
<b>Viscosity, kinematic</b>	:	Test not applicable for this product type	:
<b>Oxidizing properties</b>	:	Test not applicable for this product type	:
<b>Volatile Organic Compounds Total VOC (wt. %)*</b>	:	0.9 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations	:
<b>Other information</b>	:	None identified	:

### 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	:	No dangerous reaction known under conditions of normal use.	:
<b>Chemical stability</b>	:	Stable under recommended storage conditions.	:
<b>Possibility of hazardous reactions</b>	:	If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.	:
<b>Conditions to avoid</b>	:	Direct sources of heat.	:
<b>Incompatible materials</b>	:	Do not mix with bleach or any other household cleaners. Strong bases	:
<b>Hazardous decomposition products</b>	:	Thermal decomposition can lead to release of irritating gases and vapours.	:

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#### 11. TOXICOLOGICAL INFORMATION

**Emergency Overview** : Warning

**Acute oral toxicity** : LD50 3184 mg/kg

**Acute inhalation toxicity** : LC50 > 10 mg/L

**Acute dermal toxicity** : LD50 > 5000 mg/kg

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	-
Eye irritation	Category 2B	-
Skin sensitisation	Category 1	-
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	-

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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 expected when used according to label directions.

### Toxicity to fish

Components	End point	Species	Value	Exposure time
Sodium chloride	flow-through test LC50	Lepomis macrochirus	5,840 mg/l	96 h
	NOEC	Pimephales promelas (fathead minnow)	252 mg/l	33 d
Corn starch	static test LC50 Measured No information available.	Fish	5,000 mg/l	96 h
Fragrance - Trade Secret	No data available			
Sodium chloride	flow-through test LC50	Lepomis macrochirus	5,840 mg/l	96 h
	NOEC	Pimephales promelas (fathead minnow)	252 mg/l	33 d



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Corn starch	static test LC50 Measured No informatio n available.	Fish	5,000 mg/l	96 h
Geraniol	static test LC50	Danio rerio (zebra fish)	22 mg/l	96 h
d-Limonene	semi- static test LC50 OECD Test Guideline 203	Pimephales promelas (fathead minnow)	0.41 mg/l	96 h
4-Tert-butylcyclohexyl acetate	flow- through test LC50	Pimephales promelas (fathead minnow)	6.5 mg/l	96 h
Alpha-isomethyl ionone	static test LC50 OECD Test Guideline 203	Danio rerio (zebra fish)	1.3 mg/l	96 h

#### Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Sodium chloride	static test EC50	Daphnia magna (Water flea)	340.7 - 469.2 mg/l	48 h

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	NOEC	Daphnia pulex	314 mg/l	21 d
Corn starch	No data available			
Fragrance - Trade Secret	No data available			
Sodium chloride	static test EC50	Daphnia magna (Water flea)	340.7 - 469.2 mg/l	48 h
	NOEC	Daphnia pulex	314 mg/l	21 d
Corn starch	No data available			
Geraniol	semi-static test EC50	Daphnia magna (Water flea)	7.75 mg/l	48 h
d-Limonene	static test EC50	Daphnia magna (Water flea)	0.36 mg/l	48 h
	NOEC QSAR	Daphnia magna	0.115 mg/l	16 d
4-Tert-butylcyclohexyl acetate	static test EC50	Daphnia magna (Water flea)	5.3 mg/l	48 h

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Alpha-isomethyl ionone	semi-static EC50 OECD Test Guideline 202	Daphnia magna (Water flea)	1.9 mg/l	48 h
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#### Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Sodium chloride	IC50	Algae	3,014 mg/l	72 h
Corn starch	No data available			
Fragrance - Trade Secret	No data available			
Sodium chloride	IC50	Algae	3,014 mg/l	72 h
Corn starch	No data available			
Geraniol	static test ErC50	Scenedesmus capricornutum (fresh water algae)	5.36 mg/l	72 h
d-Limonene	static test NOEC OECD Test Guideline 201	Pseudokirchneriella subcapitata (green algae)	0.05 mg/l	72 h
4-Tert-butylcyclohexyl acetate	static test EC50	Desmodesmus subspicatus (green algae)	22 mg/l	72 h
Alpha-isomethyl ionone	EC50 Measured OECD Test Guideline 201	Scenedesmus capricornutum (fresh water algae)	4.4 mg/l	72 h

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### Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Sodium chloride	No data available		
Corn starch	No data available		Readily biodegradable.
Fragrance - Trade Secret	No data available		
Sodium chloride	No data available		
Corn starch	No data available		Readily biodegradable.
Geraniol	82 %	28 d	Readily biodegradable.
d-Limonene	80 %	28 d	Readily biodegradable.
4-Tert-butylcyclohexyl acetate	75 %	28 d	Readily biodegradable.
Alpha-isomethyl ionone	77 %	28 d	Not readily biodegradable.

### Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Sodium chloride	1.09 QSAR	0.54
Corn starch	No data available	No data available
Fragrance - Trade Secret	No data available	No data available
Sodium chloride	1.09 QSAR	0.54
Corn starch	No data available	No data available
Geraniol	No data available	2.6
d-Limonene	1,022 QSAR	4.38
4-Tert-butylcyclohexyl acetate	234 - 334.6 QSAR	4.8
Alpha-isomethyl ionone	726.4 Calculated	4.84 QSAR

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#### Mobility

Component	End point	Value
Sodium chloride	No data available	
Corn starch	No data available	
Fragrance - Trade Secret	No data available	
Sodium chloride	No data available	
Corn starch	No data available	
Geraniol	Koc	70.79
d-Limonene	Koc	6324
4-Tert-butylcyclohexyl acetate	Koc	> 3243 - < 4603 Calculated
Alpha-isomethyl ionone	No data available	

#### PBT and vPvB assessment

Component	Results
Sodium chloride	Not fulfilling PBT and vPvB criteria
Corn starch	Not fulfilling PBT and vPvB criteria
Fragrance - Trade Secret	Not fulfilling PBT and vPvB criteria
Sodium chloride	Not fulfilling PBT and vPvB criteria
Corn starch	Not fulfilling PBT and vPvB criteria
Geraniol	Not fulfilling PBT and vPvB criteria
d-Limonene	Not fulfilling PBT and vPvB criteria
4-Tert-butylcyclohexyl acetate	Not fulfilling PBT and vPvB criteria
Alpha-isomethyl ionone	Not fulfilling PBT and vPvB criteria

**Other adverse effects** : None known.

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

### 16. OTHER INFORMATION

#### HMIS Ratings

Health	1
Flammability	0
Reactivity	0

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### NFPA Ratings

<b>Health</b>	1
<b>Fire</b>	0
<b>Reactivity</b>	0
<b>Special</b>	-

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)
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