

SAFETY DATA SHEET according to Hazard Communications Standard; 29 CFR 1910.1200

product name	Mrs. Meyer's Clean Day® Dish Soap - Fresh Cut Grass
SDS number	350000036630
version	1.2
revision date	04/03/2020
print date	12/11/2020

SECTION 1 : PRODUCT & COMPANY IDENTIFICATION

product name	Mrs. Meyer's Clean Day® Dish Soap - Fresh Cut Grass
recommended use	Hard Surface Cleaner
restrictions on use	Use only as directed on label
manufacturer, importer, supplier	S.C. Johnson & Son, Inc., 1525 Howe Street, Racine, WI 53403-2236
telephone number	(800) 558-5252
emergency telephone number	24 Hour Medical Emergency Phone: (866) 231-5406 24 Hour Transport Emergency Phone: (800) 424-9300

SECTION 2 : HAZARDS IDENTIFICATION

classification of the substance or mixture	Globally Harmonized System (GHS) Classification This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.
labelling	None identified
precautionary statements	None identified
other hazards	None identified

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

chemical name	CAS number	weight percent
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	68585-47-7	5.00 - 10.00
Akylpolyglycoside C10-16	110615-47-9	5.00 - 10.00
Glycerin	56-81-5	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 .		

SECTION 4 : FIRST AID MEASURES

Description of first aid measures	
eye contact	No special requirements
skin contact	No special requirements
inhalation	No special requirements
ingestion	No special requirements
Most important symptoms and effects, both acute and delayed	
eyes	No adverse effects expected when used as directed
skin effect	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
Indication of any immediate medical attention and special treatment needed	
See description of first aid measures unless otherwise stated.	

SECTION 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.

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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.
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SECTION 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.

SECTION 7 : HANDLING & 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.
Storage	
requirements for storage areas and containers	Keep container closed when not in use.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION					
Occupational exposure limits					
component	CAS No.	mg/m3	ppm	non-standard units	basis
Glycerin	56-81-5	15 mg/m3	-	-	OSHA TWA
Glycerin	56-81-5	5 mg/m3	-	-	OSHA TW
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.				

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES	
form	liquid
color	colorless
odour	green
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)	The product is not flammable
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/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	400 - 600 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 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations
other information	None identified

SECTION 10 : STABILITY AND REACTIVITY	
reactivity	No dangerous reaction known under conditions of normal use.
chemical stability	Stable under recommended storage conditions.
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	Stable under recommended storage conditions.

SECTION 11 : TOXICOLOGICAL INFORMATION		
Acute oral toxicity	LD50	> 5000 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	-
Serious eye damage/eye irritation	No classification proposed	-

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Skin sensitization	No classification proposed	-
Respiratory sensitization	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	

SECTION 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

component	end point	species	value	exposure time
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	LC50	Oncorhynchus mykiss (rainbow trout)	3.6 mg/l	96 h
	NOEC	Pimephales promelas (fathead minnow)	1.357 mg/l	42 d
Alkylpolyglycoside C10-16	semi-static test LC50 ISO 7346/2	Fish	1 - 10 mg/l	96 h
	NOEC	Fish	> 1 - 10 mg/l	
Glycerin	LC50	Oncorhynchus mykiss (rainbow trout)	51,000 - 57,000 mg/l	96 h

Toxicity to aquatic invertebrates

component	end point	species	value	exposure time
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	EC50	Daphnia magna (Water flea)	1.18 - 2.21 mg/l	48 h
	EC10		0.24 mg/l	48 d
Alkylpolyglycoside C10-16	static test EC50	Daphnia magna (Water flea)	7 mg/l	48 h
	NOEC		> 1 - 10 mg/l	
Glycerin	LC50	Daphnia magna (Water flea)	1,955 mg/l	48 h

Toxicity to aquatic plants

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component	end point	species	value	exposure time
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	NOEC	Scenedesmus quadricauda (Green algae)	0.6 mg/l	72 h
Alkylpolyglycoside C10-16	static test EC50	Desmodesmus subspicatus (green algae)	12.5 mg/l	72 h
Glycerin	EC10	Microcystis aeruginosa (blue-green algae)	2,900 mg/l	168 h

Persistence and degradability

component	biodegradation	exposure time	summary
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	100%		Readily biodegradable
Alkylpolyglycoside C10-16	> 70%	28 d	Readily biodegradable
Glycerin	94%	24 h	Readily biodegradable

Bioaccumulative potential

component	bioconcentration factor (BCF)	partition coefficient n- octanol/water (log)
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	34.31	2.42
Alkylpolyglycoside C10-16	No data available	<= -0.07
Glycerin	0.89 estimated	-1.76

Mobility

component	end point	value
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	No data available	
Alkylpolyglycoside C10-16	log Koc	1.7
Glycerin	No data available	

PBT and vPvB assessment

component	results
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	Not fulfilling PBT and vPvB criteria
Alkylpolyglycoside C10-16	Not fulfilling PBT and vPvB criteria
Glycerin	Not fulfilling PBT and vPvB criteria

Other adverse effects

None known

SECTION 13 : DISPOSAL CONSIDERATIONS

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

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SECTION 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.

SECTION 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.

SECTION 16 : OTHER INFORMATION	
HMIS Ratings	
health	0
flammability	0
reactivity	0
NFPA Ratings	
health	0
fire	0
reactivity	0
special	-

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	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



MMCD MSEC Frsh Cut Grass Bulk

Version 1.0

Print Date 12/11/2020

Revision Date 05/21/2019

SDS Number 350000036631

1. IDENTIFICATION

Product information

Product name : MMCD MSEC Frsh Cut Grass Bulk

Recommended use : Hard Surface Cleaner

Restrictions on use : Use only as directed on label

Manufacturer, importer, supplier : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236

Telephone : +18005585252

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

2. HAZARDS

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.

Labelling

Precautionary statements

Other hazards : None identified

3. CHEMICALS

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Chemical name	CAS-No.	Weight percent
Alkyl polyglycoside	68515-73-1	1.00 - 5.00
2 methyl 4 isothiazolin-3-one	2682-20-4	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

Description of first aid measures

Eye contact : No special requirements

Skin contact : No special requirements

Inhalation : No special requirements.

Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

Eyes : No adverse effects expected when used as directed.

Skin effect : 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.

Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

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

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

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 : 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

Odour : green

Odour Threshold : Test not applicable for this product type

pH : 7 - 7.5

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- 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)** : 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

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Viscosity, dynamic	: similar to water	
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 % - 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.
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.

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11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 > 5000 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	-
Serious eye damage/eye irritation	No classification proposed	-
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	No classification proposed	-

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exposure		
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
Alkyl polyglycoside	semi-static test LC50	Danio rerio (zebra fish)	126 mg/l	96 h
	semi-static test NOEC Read-across (Analogy)	Danio rerio (zebra fish)	1.8 mg/l	28 d
2 methyl 4 isothiazolin-3-one	LC50	Oncorhynchus mykiss (rainbow trout)	4.77 mg/l	96 h
	NOEC	Oncorhynchus mykiss (rainbow trout)	2.38 mg/l	98 d

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Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Alkyl polyglycoside	static test EC50	Daphnia magna (Water flea)	> 100 mg/l	48 h
	semi-static test NOEC Read-across (Analogy)	Daphnia magna	1 mg/l	21 d
2 methyl 4 isothiazolin-3-one	EC50	Daphnia magna (Water flea)	0.998 mg/l	48 h
	NOEC	Daphnia magna	0.359 mg/l	21 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Alkyl polyglycoside	static test EC50	Desmodesmus subspicatus (green algae)	27.22 mg/l	72 h
2 methyl 4 isothiazolin-3-one	EC10	Pseudokirchneriella subcapitata (green algae)	0.024 mg/l	24 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Alkyl polyglycoside	100 %	28 d	Readily biodegradable.

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2 methyl 4 isothiazolin-3-one	No data available		Not readily biodegradable.
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Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Alkyl polyglycoside	0.9 estimated	1.72
2 methyl 4 isothiazolin-3-one	3 estimated	-0.32

Mobility

Component	End point	Value
Alkyl polyglycoside	log Koc	1.7
2 methyl 4 isothiazolin-3-one	Koc	0.03 - 246.7

PBT and vPvB assessment

Component	Results
Alkyl polyglycoside	Not fulfilling PBT and vPvB criteria
2 methyl 4 isothiazolin-3-one	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

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

16. OTHER INFORMATION

HMIS Ratings

Health	0
Flammability	0
Reactivity	0

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NFPA Ratings

Health	0
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	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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