

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

MMCD Multi-Surface Everyday Cleaner-Rosemary

Version 1.0

Print Date 12/07/2015

Revision Date 06/10/2015

SDS Number 350000025216

1. PRODUCT AND COMPANY IDENTIFICATION**Product information****Product name** : MMCD Multi-Surface Everyday Cleaner-Rosemary**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
Alkyl polyglycoside	68515-73-1	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

5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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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 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** : 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** : floral
- Odour Threshold** : Test not applicable for this product type
- pH** : 7 - 7.5
- Melting point/freezing point** : 0 °C
- Initial boiling point and boiling range** : Test not applicable for this product type
- Flash point** : does not flash

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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	: 1.01 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	: similar to water
Viscosity, kinematic	: Test not applicable for this product type
Oxidizing properties	: Test not applicable for this product type
Volatile Organic Compounds	: 0.5 % - additional exemptions may apply *as defined by US Federal and State Consumer Product

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MMCD Multi-Surface Everyday Cleaner-Rosemary

Version 1.0

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Total VOC (wt. %)* 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 : No data available

Acute inhalation toxicity : No data available

Acute dermal toxicity : No data available

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

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Skin corrosion/irritation	No classification proposed	-
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.

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
	NOEC	Danio rerio (zebra fish)	1.8 mg/l	21 d

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	Read-across (Analogy)			
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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
	NOEC Read-across (Analogy)	Daphnia magna	1 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

Persistence and degradability

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

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Alkyl polyglycoside	0.9 estimated	1.72

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Mobility

Component	End point	Value
Alkyl polyglycoside	log Koc	1.7

PBT and vPvB assessment

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

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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 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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