

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

MMCD Handsoap-Lavender

Version 1.0

Print Date 05/30/2018

Revision Date 03/01/2016

SDS Number 350000025188

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : MMCD Handsoap-Lavender

Recommended use : Personal care

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

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. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No. | Weight percent |
|--------------------------------------------------------------|-------------|----------------|
| Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts | 149458-07-1 | 1.00 - 5.00 |
| 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.

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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.

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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

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

| Components | CAS-No. | mg/m ³ | ppm | Non-standard units | Basis |
|------------|---------|----------------------|-----|--------------------|----------|
| Glycerin | 56-81-5 | 15 mg/m ³ | - | - | OSHA TWA |
| Glycerin | 56-81-5 | 5 mg/m ³ | - | - | OSHA TWA |

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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------------------------------|---------------------------------------------|
| Form | : liquid |
| Color | : Colorless |
| Odor | : floral |
| 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. |
| 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 |

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| | | | |
|------------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------|---|
| 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

| | | |
|-------------------------------------------|---|------------------------------------------------------------------------------------------------------------------|
| 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 | : | Thermal decomposition can lead to release of irritating gases |

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products and vapours.

11. TOXICOLOGICAL INFORMATION

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

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 |
| 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 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 |
|--------------------------------------------------------------|-----------|-------------------------------------|----------------------|---------------|
| 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 |

Toxicity to aquatic invertebrates

| Components | End point | Species | Value | Exposure time |
|--------------------------------------------------------------|---------------------------|----------------------------|------------|---------------|
| 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 |

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|--|--|--|--|--|

Toxicity to aquatic plants

| Components | End point | Species | Value | Exposure time |
|--------------------------------------------------------------|---------------------------|---------------------------------------|---------------|---------------|
| 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 |

Persistence and degradability

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

Bioaccumulative potential

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

Mobility

| Component | End point | Value |
|--------------------------------------------------------------|-------------------|-------|
| Fatty acids, C12-18, Methyl esters, sulfonated, sodium salts | No data available | |
| Glycerin | No data available | - |

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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 |

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.

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

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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.

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|-------------|-------------------------------------------------------|
| Prepared by | Global Safety Assessment & Regulatory Affairs (GSARA) |
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