**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product information**

|  |  |  |
| --- | --- | --- |
| **Product name** | **:** | MMCD Candle Mum Bulk |
| **Recommended use** | : | Candle |
| **Restrictions on use** | : | Use only as directed on label |
| **Manufacturer, importer, supplier** | : | Caldrea  1525 Howe Street  Racine  WI 53403-2236 |

|  |  |  |
| --- | --- | --- |
| **Telephone** | : | +1-800-558-5252 |

|  |  |  |
| --- | --- | --- |
| **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**

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 |
| Soybean oil, hydrogenated | 8016-70-4 | 30.00 - 60.00 |

|  |  |  |
| --- | --- | --- |
| Stearyl Alcohol | 112-92-5 | 10.00 - 30.00 |

|  |  |  |
| --- | --- | --- |
| 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.

**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.  Contact with hot product will cause thermal burns. |
| 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.

**5. FIREFIGHTING MEASURES**

|  |  |  |
| --- | --- | --- |
| **Suitable extinguishing media** | : | Carbon dioxide (CO2), Dry chemical, Foam |

|  |  |  |
| --- | --- | --- |
| **Extinguishing media which shall not be used for safety reasons** | : | High volume water jet |

|  |  |  |
| --- | --- | --- |
| **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** | : | 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.  Burn candle within sight. Never touch, lift or move a candle while lit. Never burn candle on or near anything that can catch fire.  For personal protection see section 8.  Avoid contact with molten material.  Use only as directed.  KEEP OUT OF REACH OF CHILDREN AND PETS. |
| **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/m3 | ppm | Non-standard units | Basis |
| Soybean oil, hydrogenated | 8016-70-4 | 5 mg/m3 | - | - | SUPPLIER |
| Soybean oil, hydrogenated | 8016-70-4 | 15 mg/m3 | - | - | SUPPLIER |

**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** | : | Wax. |
| **Color** | : | white |
| **Odour** | : | Herbal |

|  |  |  |
| --- | --- | --- |
| **Odour Threshold** | : | Test not applicable for this product type |

|  |  |  |
| --- | --- | --- |
| **pH** | : | Test not applicable for this product type |

|  |  |  |
| --- | --- | --- |
| **Melting point/freezing point** | : | Test not applicable for this product type |

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

|  |  |  |
| --- | --- | --- |
| **Flash point** | : | > 135 °C  > 275 °F |

|  |  |  |
| --- | --- | --- |
| **Evaporation rate** | : | Test not applicable for this product type |

|  |  |  |
| --- | --- | --- |
| **Flammability (solid, gas)** | : | Sustains 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** | : | Test not applicable for this product type |

|  |  |  |
| --- | --- | --- |
| **Solubility(ies)** | : | insoluble |

|  |  |  |
| --- | --- | --- |
| **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** | : | Test not applicable for this product type |

|  |  |  |
| --- | --- | --- |
| **Viscosity, kinematic** | : | Test not applicable for this product type |

|  |  |  |
| --- | --- | --- |
|  |  |  |
| **Oxidizing properties** | : | Test not applicable for this product type |

|  |  |  |
| --- | --- | --- |
| **Volatile Organic Compounds**  **Total VOC (wt. %)\*** | : | 5.3 % - additional exemptions may apply  \*as defined by US Federal and State Consumer Product Regulations> |

|  |  |  |
| --- | --- | --- |
|  |  |  |
| **Other information** | : | None identified | : | Test not applicable for this product type |

**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** | : | Stable under recommended storage conditions. |

|  |  |  |
| --- | --- | --- |
| **Conditions to avoid** | : | Direct sources of heat. |

|  |  |  |
| --- | --- | --- |
| **Incompatible materials** | : | None known. |

|  |  |  |
| --- | --- | --- |
| **Hazardous decomposition products** | : | Stable under recommended storage conditions. |

**11. TOXICOLOGICAL INFORMATION**

|  |  |  |
| --- | --- | --- |
| **Acute oral toxicity** | : | LD50 > 5000 mg/kg |

|  |  |  |
| --- | --- | --- |
| **Acute inhalation toxicity** | : | LC50 6.7  mg/L |

|  |  |  |
| --- | --- | --- |
| **Acute dermal toxicity** | : | LD50 2721 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 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** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Soybean oil, hydrogenated | No data available |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Stearyl Alcohol | semi-static test LC50 | Danio rerio (zebra fish) | > 10,000 mg/l | 96 h |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fragrance - Trade Secret | No data available |  |  |  |
|  |  |  |  |  |

**Toxicity to aquatic invertebrates**

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Soybean oil, hydrogenated | No data available |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Stearyl Alcohol | static test EC50 | Daphnia magna (Water flea) | 1,700 mg/l | 48 h |
|  | semi-static test NOEC | Daphnia magna | 0.98 mg/l | 21 d |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fragrance - Trade Secret | No data available |  |  |  |
|  |  |  |  |  |

**Toxicity to aquatic plants**

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Soybean oil, hydrogenated | No data available |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Stearyl Alcohol | EC50 | Desmodesmus subspicatus (green algae) | 235 mg/l | 96 h |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fragrance - Trade Secret | No data available |  |  |  |

**Persistence and degradability**

|  |  |  |  |
| --- | --- | --- | --- |
| **Component** | **Biodegradation** | **Exposure time** | **Summary** |

|  |  |  |  |
| --- | --- | --- | --- |
| Soybean oil, hydrogenated | No data available |  | Not readily biodegradable. |
| Stearyl Alcohol | 76 % | 28 d |  |
| Fragrance - Trade Secret | No data available |  |  |

**Bioaccumulative potential**

|  |  |  |
| --- | --- | --- |
| **Component** | **Bioconcentration factor (BCF)** | **Partition Coefficient n-Octanol/water (log)** |

|  |  |  |
| --- | --- | --- |
| Soybean oil, hydrogenated | No data available | No data available |

|  |  |  |
| --- | --- | --- |
| Stearyl Alcohol | 199.2 | 7.4 |

|  |  |  |
| --- | --- | --- |
| Fragrance - Trade Secret | No data available | No data available |

**Mobility**

|  |  |  |
| --- | --- | --- |
| **Component** | **End point** | **Value** |

|  |  |  |
| --- | --- | --- |
| Soybean oil, hydrogenated | No data available |  |

|  |  |  |
| --- | --- | --- |
| Stearyl Alcohol | No data available |  |

|  |  |  |
| --- | --- | --- |
| Fragrance - Trade Secret | No data available |  |

**PBT and vPvB assessment**

|  |  |
| --- | --- |
| **Component** | **Results** |
| Soybean oil, hydrogenated | Not fulfilling PBT and vPvB criteria |
| Stearyl Alcohol | 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.

**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** | 0 |
| **Flammability** | 2 |
| **Reactivity** | 0 |

**NFPA Ratings**

|  |  |
| --- | --- |
| **Health** | 0 |
| **Fire** | 2 |
| **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) |