1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name: GLADE® 3 WICK CANDLE - APPLE CINNAMON

Recommended use: Candle

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: +1-800-558-5252

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Weight percent</th>
</tr>
</thead>
</table>
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
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### 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
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

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>mg/m3</th>
<th>ppm</th>
<th>Non-standard units</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin waxes and Hydrocarbon waxes</td>
<td>8002-74-2</td>
<td>2 mg/m3</td>
<td>-</td>
<td>-</td>
<td>ACGIH TWA</td>
</tr>
</tbody>
</table>

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 : red
Odour : Fruity
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 : Test not applicable for this product type
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>boiling range</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;= 135 °C</td>
</tr>
<tr>
<td></td>
<td>&gt;= 275 °F</td>
</tr>
<tr>
<td>Method: ASTM D92</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Test not applicable for this product type</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Sustains combustion</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Test not applicable for this product type</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Test not applicable for this product type</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Test not applicable for this product type</td>
</tr>
<tr>
<td>Relative density</td>
<td>Test not applicable for this product type</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>insoluble</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>Test not applicable for this product type</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>not auto-flammable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Test not applicable for this product type</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>Test not applicable for this product type</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>Test not applicable for this product type</td>
</tr>
</tbody>
</table>
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**Print Date 01/29/2019**

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**Oxidizing properties**

: Test not applicable for this product type

**Volatile Organic Compounds**

: 0.7 % - additional exemptions may apply

*as defined by US Federal and State Consumer Product Regulations

**Total VOC (wt. %)**

: Total VOC (wt. %)*

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**Other information**

: None identified

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### 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.

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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 2104 mg/kg

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<table>
<thead>
<tr>
<th>GHS Properties</th>
<th>Classification</th>
<th>Routes of entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>No classification proposed</td>
<td>Oral</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Components</th>
<th>End point</th>
<th>Species</th>
<th>Value</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin waxes and Hydrocarbon waxes</td>
<td>static test LC50 Read-across</td>
<td>Pimephales promelas (fathead minnow)</td>
<td>&gt; 100 mg/l</td>
<td>96 h</td>
</tr>
<tr>
<td></td>
<td>(Analogy)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fragrance - Trade Secret</td>
<td>No data available</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Toxicity to aquatic invertebrates

<table>
<thead>
<tr>
<th>Components</th>
<th>End point</th>
<th>Species</th>
<th>Value</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin waxes and Hydrocarbon waxes</td>
<td>EC50 Read-across (Analogy)</td>
<td>Daphnid</td>
<td>&gt; 10,000 mg/l</td>
<td>48 h</td>
</tr>
<tr>
<td></td>
<td>semi-static test NOEC Read-across (Analogy)</td>
<td>Daphnia</td>
<td>10 mg/l</td>
<td>21 d</td>
</tr>
<tr>
<td>Fragrance - Trade Secret</td>
<td>No data available</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Toxicity to aquatic plants

<table>
<thead>
<tr>
<th>Components</th>
<th>End point</th>
<th>Species</th>
<th>Value</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin waxes and Hydrocarbon waxes</td>
<td>NOEC Read-</td>
<td>Pseudokirchneriella subcapitata (green algae)</td>
<td>&gt; 100 mg/l</td>
<td>72 h</td>
</tr>
</tbody>
</table>
## Persistence and degradability

<table>
<thead>
<tr>
<th>Component</th>
<th>Biodegradation</th>
<th>Exposure time</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin waxes and Hydrocarbon waxes</td>
<td>No data available</td>
<td></td>
<td>Not readily biodegradable.</td>
</tr>
<tr>
<td>Fragrance - Trade Secret</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Bioaccumulative potential

<table>
<thead>
<tr>
<th>Component</th>
<th>Bioconcentration factor (BCF)</th>
<th>Partition Coefficient n-Octanol/water (log)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin waxes and Hydrocarbon waxes</td>
<td>No data available</td>
<td>6.7</td>
</tr>
<tr>
<td>Fragrance - Trade Secret</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

## Mobility

<table>
<thead>
<tr>
<th>Component</th>
<th>End point</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin waxes and Hydrocarbon waxes</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Fragrance - Trade Secret</td>
<td>No data available</td>
<td></td>
</tr>
</tbody>
</table>

## PBT and vPvB assessment

<table>
<thead>
<tr>
<th>Component</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin waxes and Hydrocarbon waxes</td>
<td>Not fulfilling PBT and vPvB criteria</td>
</tr>
<tr>
<td>Fragrance - Trade Secret</td>
<td>Not fulfilling PBT and vPvB criteria</td>
</tr>
</tbody>
</table>

## 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.

Notification status : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

California Prop. 65 : This product is not subject to the reporting requirements under California’s Proposition 65.
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16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>HMIS Ratings</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
</tr>
<tr>
<td>Flammability</td>
<td>1</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NFPA Ratings</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
</tr>
<tr>
<td>Fire</td>
<td>1</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Special</td>
<td>-</td>
</tr>
</tbody>
</table>

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)