

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# GLADE® CANDLE - CRISP WATERS®

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000023247

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : GLADE® CANDLE - CRISP WATERS®

**Recommended use** : Candle

**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 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 |
|--------------------------------------|-----------|----------------|
| Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | 60.00 - 100.00 |
| Petrolatum                           | 8009-03-8 | 10.00 - 30.00  |
| Octabenzene                          | 1843-05-6 | 0.10 - 1.00    |
| Fragrance - Trade Secret             | Mixture   | 3.00 - 7.00    |

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.whatsinsidescjohnson.com](http://www.whatsinsidescjohnson.com).

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**4. FIRST AID MEASURES**

- Eye contact** : No special requirements
- Skin contact** : No special requirements
- Inhalation** : No special requirements.
- Ingestion** : No special requirements

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**5. FIREFIGHTING MEASURES**

- Suitable extinguishing media** : Carbon dioxide (CO<sub>2</sub>), 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.

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**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.

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**7. HANDLING AND STORAGE**

- Handling**
- Precautions for safe** : Avoid contact with skin, eyes and clothing.

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**handling**

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     |
|--------------------------------------|-----------|---------|-----|--------------------|-----------|
| Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | 2 mg/m3 | -   | -                  | ACGIH 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.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Form** : Wax.

**Color** : blue

**Odor** : pleasant

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**Odour Threshold** : No data available

**pH** : Not applicable

**Melting point/freezing point** : Not applicable

**Initial boiling point and boiling range** : Not applicable

**Flash point** :  $\geq 135\text{ }^{\circ}\text{C}$   
 $\geq 275\text{ }^{\circ}\text{F}$   
Method: ASTM D 93

**Evaporation rate** : Not applicable

**Flammability (solid, gas)** : Sustains combustion

**Upper/lower flammability or explosive limits** : No data available

**Vapour pressure** : Not applicable

**Vapour density** : No data available

**Relative density** : No data available

**Solubility(ies)** : insoluble

**Partition coefficient: n-octanol/water** : No data available

**Auto-ignition temperature** : No data available

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- Decomposition temperature** : No data available
- Viscosity, dynamic** : Not applicable
- Viscosity, kinematic** : Not applicable
- Oxidizing properties** : No data available
- Volatile Organic Compounds Total VOC (wt. %)\*** : 1.5 % - additional exemptions may apply  
\*as defined by US Federal and State Consumer Product Regulations
- Other information** : None identified :

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**10. STABILITY AND REACTIVITY**

- Possibility of hazardous reactions** : Stable under recommended storage conditions.
- Conditions to avoid** : Direct sources of heat.
- Incompatible materials** : None known.
- Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

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**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** : LD50 estimated > 5,000 mg/kg

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**Acute inhalation toxicity** : LC50  
estimated  
> 5 mg/l

**Acute dermal toxicity** : LD50  
estimated  
> 2,000 mg/kg

| GHS Properties                                     | Classification             | Routes of entry |
|--|----------------------------|-----------------|
| Acute toxicity                                     | No classification proposed | -               |
| 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

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expected when used according to label directions.

**Toxicity to fish**

| Components                           | End point  | Species                                 | Value      | Exposure time |
|--------------------------------------|--|---|------------|---------------|
| Paraffin waxes and Hydrocarbon waxes | LC50   | Fish                                    | > 100 mg/l |               |
| Petrolatum                           | static test<br>EU LC50<br>Read-across<br>(Analogy)<br>OECD<br>Test<br>Guideline<br>203 | Pimephales promelas<br>(fathead minnow) | > 100 mg/l | 96 h          |
| Octabenzene                          | static test<br>LC50  | Danio rerio (zebra fish)                | > 100 mg/l | 96 h          |
| Fragrance - Trade Secret             | No data available  |   |            |               |

**Toxicity to aquatic invertebrates**

| Components                           | End point                    | Species                    | Value         | Exposure time |
|--------------------------------------|------------------------------|----------------------------|---------------|---------------|
| Paraffin waxes and Hydrocarbon waxes | EC50<br>No data available    | Daphnid                    | > 10,000 mg/l |               |
|                                      | NOEC                         | Daphnia                    | 10 mg/l       |               |
| Petrolatum                           | static test<br>EC50<br>Read- | Daphnia magna (Water flea) | > 10,000 mg/l | 48 h          |

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|                          |                      |                               |         |      |
|--------------------------|----------------------|-------------------------------|---------|------|
|                          | across<br>(Analogy)  |                               |         |      |
| Octabenzene              | EC50<br>Measured     | Daphnia magna (Water<br>flea) | 52 mg/l | 24 h |
| Fragrance - Trade Secret | No data<br>available |                               |         |      |

**Toxicity to aquatic plants**

| Components                              | End point                    | Species                                 | Value         | Exposure<br>time |
|---|------------------------------|---|---------------|------------------|
| Paraffin waxes and<br>Hydrocarbon waxes | NOEC<br>No data<br>available | Algae                                   | > 100<br>mg/l |                  |
| Petrolatum                              | No data<br>available         |   |               |                  |
| Octabenzene                             | EC50                         | Desmodemus<br>subspicatus (green algae) | > 100<br>mg/l | 72 h             |
| Fragrance - Trade Secret                | No data<br>available         |   |               |                  |

**Persistence and degradability**

| Component                               | Biodegradation    | Exposure<br>time | Summary                       |
|---|-------------------|------------------|-------------------------------|
| Paraffin waxes and<br>Hydrocarbon waxes | No data available |                  | Not readily<br>biodegradable. |
| Petrolatum                              | 31 %              | 28 d             | Not readily<br>biodegradable. |
| Octabenzene                             | 5 %               | 28 d             | Not readily<br>biodegradable. |
| Fragrance - Trade Secret                | No data available |                  |                               |

**Bioaccumulative potential**

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| Component                            | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|--------------------------------------|-------------------------------|---|
| Paraffin waxes and Hydrocarbon waxes | No data available             | No data available                           |
| Petrolatum                           | No data available             | No data available                           |
| Octabenzone                          | 89 - 190 Measured             | 7.6 Calculated                              |
| Fragrance - Trade Secret             | No data available             | No data available                           |

#### Mobility

| Component                            | End point         | Value            |
|--------------------------------------|-------------------|------------------|
| Paraffin waxes and Hydrocarbon waxes | No data available |                  |
| Petrolatum                           | No data available |                  |
| Octabenzone                          | Koc               | 63750 Calculated |
| Fragrance - Trade Secret             | No data available |                  |

#### PBT and vPvB assessment

| Component                            | Results                              |
|--------------------------------------|--------------------------------------|
| Paraffin waxes and Hydrocarbon waxes | Not fulfilling PBT and vPvB criteria |
| Petrolatum                           | Not fulfilling PBT and vPvB criteria |
| Octabenzone                          | 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.

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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.

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**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 does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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**16. OTHER INFORMATION**

**HMIS Ratings**

|                     |   |
|---------------------|---|
| <b>Health</b>       | 0 |
| <b>Flammability</b> | 1 |
| <b>Reactivity</b>   | 0 |

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**NFPA Ratings**

|                   |   |
|-------------------|---|
| <b>Health</b>     | 0 |
| <b>Fire</b>       | 1 |
| <b>Reactivity</b> | 0 |
| <b>Special</b>    | - |

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 | SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA) |
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