

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# OFF!® TRIPLE WICK CITRONELLA CANDLE

Version 1.0

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000021802

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : OFF!® TRIPLE WICK CITRONELLA CANDLE

**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
Soybean oil, hydrogenated	8016-70-4	60.00 - 100.00
Palm oil, hydrogenated	68514-74-9	5.00 - 10.00
Citronella oil	8000-29-1	0.10 - 1.00

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

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## 4. FIRST AID MEASURES

- |                     |                            |
|---------------------|----------------------------|
| <b>Eye contact</b>  | : No special requirements  |
| <b>Skin contact</b> | : No special requirements  |
| <b>Inhalation</b>   | : No special requirements. |
| <b>Ingestion</b>    | : No special requirements  |

## 5. FIREFIGHTING MEASURES

- |   |  |
|---|--|
| <b>Suitable extinguishing media</b>                                   | : Carbon dioxide (CO <sub>2</sub> ), Dry chemical, Foam  |
| <b>Extinguishing media which shall not be used for safety reasons</b> | : High volume water jet  |
| <b>Specific hazards during firefighting</b>                           | : Do not allow run-off from fire fighting to enter drains or water courses.  |
| <b>Further information</b>  | : Fight fire from maximum distance or protected area. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes. |

## 6. ACCIDENTAL RELEASE MEASURES

- |  |  |
|--|--|
| <b>Personal precautions</b>                                  | : Wear personal protective equipment.<br>Wash thoroughly after handling.   |
| <b>Environmental precautions</b>                             | : Do not flush into surface water or sanitary sewer system.<br>Use appropriate containment to avoid environmental contamination.<br>Outside of normal use, avoid release to the environment. |
| <b>Methods and materials for containment and cleaning up</b> | : Sweep up and shovel into suitable containers for disposal.<br>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.  
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.

#### Storage

##### Requirements for storage areas and containers

: Keep away from food, drink and animal feedingstuffs.  
Keep in a dry, cool and well-ventilated place.

##### Other data

: Stable under recommended storage conditions.

### 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
Palm oil, hydrogenated	68514-74-9	5 mg/m3	-	-	SUPPLIER
Palm oil, hydrogenated	68514-74-9	15 mg/m3	-	-	SUPPLIER

#### Personal protective equipment

##### Respiratory protection

: No special requirements.

##### Hand protection

: No special requirements.

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- 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** : solid
- Color** : white
- Odor** : pleasant
- Odour Threshold** : No data available
- pH** : Not applicable
- Melting point/freezing point** : No data available
- Initial boiling point and boiling range** : No data available
- Flash point** : 191 °C  
375.8 °F
- Evaporation rate** : Not applicable
- Flammability (solid, gas)** : Sustains combustion
- Upper/lower flammability or explosive limits** : No data available
- Vapour pressure** : No data available

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<b>Vapour density</b>	: Not applicable	
<b>Relative density</b>	: 0.932 g/cm <sup>3</sup> at 22 °C	
<b>Solubility(ies)</b>	: insoluble	
<b>Partition coefficient: n-octanol/water</b>	: No data available	
<b>Auto-ignition temperature</b>	: not auto-flammable	
<b>Decomposition temperature</b>	: No data available	
<b>Viscosity, dynamic</b>	: Not applicable	
<b>Viscosity, kinematic</b>	: Not applicable	
<b>Oxidizing properties</b>	: Not applicable	
<b>Volatile Organic Compounds Total VOC (wt. %)*</b>	: 0 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations	
<b>Other information</b>	: None identified	:

#### 10. STABILITY AND REACTIVITY

<b>Possibility of hazardous reactions</b>	: Stable under recommended storage conditions.
<b>Conditions to avoid</b>	: Direct sources of heat.
<b>Incompatible materials</b>	: Strong oxidizing agents

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**Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases 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** : LD50  
Calculated  
> 5,000 mg/kg  
LD50  
Calculated  
> 5,000 mg/kg

**Acute inhalation toxicity** : No data available

**Acute inhalation toxicity** : GHS LC50 (dust and mist)  
estimated  
> 5.0 mg/l

**Acute dermal toxicity** : LD50  
Calculated  
> 5,000 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	-

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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			
Palm oil, hydrogenated	No data available			
Citronella oil	No data available			

**Toxicity to aquatic invertebrates**

Components	End point	Species	Value	Exposure time
Soybean oil, hydrogenated	No data available			
Palm oil, hydrogenated	No data			

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	available			
Citronella oil	No data available			

**Toxicity to aquatic plants**

Components	End point	Species	Value	Exposure time
Soybean oil, hydrogenated	No data available			
Palm oil, hydrogenated	No data available			
Citronella oil	No data available			

**Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
Soybean oil, hydrogenated	No data available		
Palm oil, hydrogenated	No data available		
Citronella oil	No data available		

**Bioaccumulative potential**

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Soybean oil, hydrogenated	No data available	No data available
Palm oil, hydrogenated	No data available	No data available
Citronella oil	No data available	No data available

**Mobility**

Component	End point	Value
Soybean oil, hydrogenated	No data available	
Palm oil, hydrogenated	No data available	
Citronella oil	No data available	-



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### PBT and vPvB assessment

Component	Results
Citronella oil	Not fulfilling PBT and vPvB criteria

**Other adverse effects** : None known.

## 13. DISPOSAL CONSIDERATIONS

### PESTICIDAL WASTE:

For disposal information, please read and follow Disposal instructions on the pesticide label.  
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

### FIFRA Labeling

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

Following is the hazard information as required on the pesticide label:

Container will become hot.

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- 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.

### 16. OTHER INFORMATION

#### HMIS Ratings

Health	0
Flammability	1
Reactivity	0

#### NFPA Ratings

Health	0
Fire	1
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

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Prepared by	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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