

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



OFF!® CITRONELLA BUCKET

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000013532

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : OFF!® CITRONELLA BUCKET

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 | 10.00 - 30.00 |
| 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.

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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

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
- Specific hazards during firefighting** : Do not allow run-off from fire fighting to enter drains or water courses.
- Further information** : 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

- Personal precautions** : Wear personal protective equipment. Wash thoroughly after handling.
- Environmental precautions** : Do not flush into surface water or sanitary sewer system. Use appropriate containment to avoid environmental contamination. 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 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.

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** : 193 °C
379.4 °F
- Evaporation rate** : No data available
- Flammability (solid, gas)** : Sustains combustion
- Upper/lower flammability or explosive limits** : No data available
- Vapour pressure** : No data available

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| | | | |
|--|---|---|---|
| Vapour density | : | Not applicable | |
| Relative density | : | 0.918 g/cm ³ at 21 °C | |
| Solubility(ies) | : | insoluble | |
| Partition coefficient: n-octanol/water | : | No data available | |
| Auto-ignition temperature | : | not auto-flammable | |
| Decomposition temperature | : | No data available | |
| Viscosity, dynamic | : | Not applicable | |
| Viscosity, kinematic | : | Not applicable | |
| Oxidizing properties | : | Not applicable | |
| Volatile Organic Compounds Total VOC (wt. %)* | : | 0 % - 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 | : | Stable under recommended storage conditions. |
| Conditions to avoid | : | Direct sources of heat. |
| Incompatible materials | : | 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

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 | - |
| Reproductive toxicity | No classification proposed | - |
| Specific target organ toxicity - single | No classification proposed | - |

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| | | |
|--|----------------------------|---|
| exposure | | |
| 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 available | | | |
| Citronella oil | No data available | | | |

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

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 | - |

PBT and vPvB assessment

| Component | Results |
|----------------|--------------------------------------|
| Citronella oil | Not fulfilling PBT and vPvB criteria |

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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.

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.

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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.

Registration # / Agency
0000-000/EPA exempt (25b)

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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