

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# OFF! BOTANICALS TOWELETTES (EPA Reg. No. 4822-526)

Version 2.0

Print Date 10/23/2025

Revision Date 11/27/2019

SDS Number 350000032747

GEN\_SOF Number 60184

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : OFF! BOTANICALS TOWELETTES (EPA Reg. No. 4822-526)

**Recommended use** : Insect Repellent

**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 Transport Emergency Phone: (800)424-9300

## 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

#### Globally Harmonized System (GHS) Classification

| Hazard classification | Hazard category | Hazards identification                 |
|-----------------------|-----------------|----------------------------------------|
| Flammable liquids     | Category 1      | Extremely flammable liquid and vapour. |

### Labelling

#### Hazard symbols

Flame

#### Signal word

Danger

#### Hazard statements

Extremely flammable liquid and vapour.

#### Precautionary statements

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

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Store in a well-ventilated place. Keep cool.  
Dispose of contents/ container to an approved incineration plant.  
Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ ventilating/ lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
**Other hazards** : None identified

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name       | CAS-No.    | Weight percent |
|---------------------|------------|----------------|
| Ethyl alcohol       | 64-17-5    | 60.00 - 100.00 |
| p-Menthane-3,8-Diol | 42822-86-6 | 5.00 - 10.00   |
| Titanium Dioxide    | 13463-67-7 | 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).

## 4. FIRST AID MEASURES

### Description of first aid measures

**Eye contact** : No special requirements

**Skin contact** : If you suspect a reaction to this product, discontinue use and remove contaminated clothing.

**Inhalation** : No special requirements.

**Ingestion** : No special requirements

**Most important symptoms and effects, both acute and delayed**

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### 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** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during firefighting** : Flammable liquid. Vapors are heavier than air and may travel to a source of ignition and flash back. Liquid run-off to sewers may create fire/explosion hazard. Container may melt and leak in heat of fire. Do not allow run-off from fire fighting to enter drains or water courses.
- Further information** : Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. For large quantities of flammable liquids, consider containment to prevent the spread of fire. 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** : Remove all sources of ignition.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.  
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** : Soak up with inert absorbent material.  
Use only non-sparking equipment.  
Dike large spills.

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Clean residue from spill site.

## 7. HANDLING AND STORAGE

### Handling

#### Precautions for safe handling

: Avoid contact with eyes and lips.  
For personal protection see section 8.  
Use only as directed.  
KEEP OUT OF REACH OF CHILDREN AND PETS.

#### Advice on protection against fire and explosion

: Keep away from sources of ignition - No smoking.  
Take measures to prevent the build up of electrostatic charge.  
Use only non-sparking tools.  
Use explosion-proof equipment.  
Ground/bond container and receiving equipment.

### Storage

#### Requirements for storage areas and containers

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

#### Other data

: Stable under recommended storage conditions.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Limits**

| Components       | CAS-No.    | mg/m <sup>3</sup>       | ppm       | Non-standard units | Basis      |
|------------------|------------|-------------------------|-----------|--------------------|------------|
| Ethyl alcohol    | 64-17-5    | 1,900 mg/m <sup>3</sup> | 1,000 ppm | -                  | OSHA TWA   |
| Ethyl alcohol    | 64-17-5    | -                       | 1,000 ppm | -                  | ACGIH STEL |
| Titanium Dioxide | 13463-67-7 | 15 mg/m <sup>3</sup>    | -         | -                  | OSHA TWA   |
| Titanium Dioxide | 13463-67-7 | 10 mg/m <sup>3</sup>    | -         | -                  | ACGIH TWA  |

**Personal protective equipment****Respiratory protection** : Do not spray in enclosed areas.**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** : woven fabric**Color** : colourless**Odour** : Alcohol Odor**Odour Threshold** : Test not applicable for this product type

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**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** : 56.8 °F  
Method: Tag Closed Cup (TCC)

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

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

**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)** : dispersible

**Partition coefficient: n-octanol/water** : Test not applicable for this product type

**Auto-ignition temperature** : not auto-flammable

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**Decomposition temperature** : Test not applicable for this product type

**Viscosity, dynamic** : similar to water

**Viscosity, kinematic** : similar to water

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

**Volatile Organic Compounds** : 71.8 % - additional exemptions may apply  
**Total VOC (wt. %)\*** \*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** : Heat, flames and sparks.

**Incompatible materials** : Strong oxidizing agents

**Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

#### 11. TOXICOLOGICAL INFORMATION

**Acute oral toxicity** : LD50 > 5,000 mg/kg

**Acute inhalation toxicity** : LC50 > 10 mg/L

**Acute dermal toxicity** : LD50 > 5,000 mg/kg

| GHS Properties | Classification | Routes of entry |
|----------------|----------------|-----------------|
|----------------|----------------|-----------------|

**Safety Data Sheet**

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Version 2.0

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SDS Number 350000032747

GEN\_SOF Number 60184

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

: Do not apply to cuts or irritated skin.

**12. ECOLOGICAL INFORMATION****Product** : The product itself has not been tested.**Toxicity**

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200

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Version 2.0

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Revision Date 11/27/2019

SDS Number 350000032747

GEN\_SOF Number 60184

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 |
|---------------------|--------------------------------------------------------------------------|--------------------------|-------------|---------------|
| Ethyl alcohol       | LC50                                                                     | Fish                     | 11,200 mg/l | 96 h          |
| p-Menthane-3,8-Diol | semi-static test<br>LC50<br>Measured<br>OECD<br>Test<br>Guideline<br>203 | Danio rerio (zebra fish) | 62 mg/l     | 96 h          |
| Titanium Dioxide    | No data available                                                        |                          |             |               |

**Toxicity to aquatic invertebrates**

| Components          | End point           | Species              | Value      | Exposure time |
|---------------------|---------------------|----------------------|------------|---------------|
| Ethyl alcohol       | static test<br>LC50 | Ceriodaphnia dubia   | 5,012 mg/l | 48 h          |
|                     | NOEC                | Daphnia magna        | 9.6 mg/l   | 9 d           |
| p-Menthane-3,8-Diol | static test         | Daphnia magna (Water | 68 mg/l    | 48 h          |

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Version 2.0

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Revision Date 11/27/2019

SDS Number 350000032747

GEN\_SOF Number 60184

|                  |                                                      |                               |                |      |
|------------------|------------------------------------------------------|-------------------------------|----------------|------|
|                  | EC50<br>Measured<br>OECD<br>Test<br>Guideline<br>202 | flea)                         |                |      |
| Titanium Dioxide | EC50                                                 | Daphnia magna (Water<br>flea) | > 500<br>mg/l  | 48 h |
|                  | NOEC                                                 | Daphnia magna                 | > 2.92<br>mg/l | 21 d |

**Toxicity to aquatic plants**

| Components          | End point           | Species                                   | Value    | Exposure<br>time |
|---------------------|---------------------|-------------------------------------------|----------|------------------|
| Ethyl alcohol       | Static<br>EC50      | Chlorella vulgaris (Fresh<br>water algae) | 275 mg/l | 72 h             |
| p-Menthane-3,8-Diol | EC50<br>Measured    | Desmodesmus<br>subspicatus (green algae)  | 52 mg/l  | 72 h             |
| Titanium Dioxide    | static test<br>EC50 | Pseudokirchneriella<br>subcapitata        | 61 mg/l  | 72 h             |

**Persistence and degradability**

| Component           | Biodegradation    | Exposure<br>time | Summary                |
|---------------------|-------------------|------------------|------------------------|
| Ethyl alcohol       | 97 %              | 28 d             | Readily biodegradable. |
| p-Menthane-3,8-Diol | 75 %              | 28 d             | Readily biodegradable. |
| Titanium Dioxide    | No data available |                  |                        |

**Bioaccumulative potential**

| Component | Bioconcentration | Partition Coefficient n- |
|-----------|------------------|--------------------------|
|-----------|------------------|--------------------------|

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Revision Date 11/27/2019

SDS Number 350000032747

GEN\_SOF Number 60184

|                     | <b>factor (BCF)</b> | <b>Octanol/water (log)</b> |
|---------------------|---------------------|----------------------------|
| Ethyl alcohol       | 3.2 estimated       | -0.35 Measured             |
| p-Menthane-3,8-Diol | 14.95 estimated     | 1.8 - 4.0                  |
| Titanium Dioxide    | No data available   | No data available          |

**Mobility**

| <b>Component</b>    | <b>End point</b>  | <b>Value</b> |
|---------------------|-------------------|--------------|
| Ethyl alcohol       | No data available |              |
| p-Menthane-3,8-Diol | No data available |              |
| Titanium Dioxide    | No data available |              |

**PBT and vPvB assessment**

| <b>Component</b>    | <b>Results</b>                       |
|---------------------|--------------------------------------|
| Ethyl alcohol       | Not fulfilling PBT and vPvB criteria |
| p-Menthane-3,8-Diol | Not fulfilling PBT and vPvB criteria |
| Titanium Dioxide    | 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.

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Version 2.0

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SDS Number 350000032747

GEN\_SOF Number 60184

|                                                                          | Land transport                                                                                     | Sea transport                                                                                      | Air transport                                                                                      |
|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| UN number                                                                | 3175                                                                                               | 3175                                                                                               | 3175                                                                                               |
| UN proper shipping name                                                  | Solids Containing Flammable Liquid, n.o.s. (Ethyl Alcohol)                                         | Solids Containing Flammable Liquid, n.o.s. (Ethyl Alcohol)                                         | Solids Containing Flammable Liquid, n.o.s. (Ethyl Alcohol)                                         |
| Transport hazard class(es)                                               | 4.1                                                                                                | 4.1                                                                                                | 4.1                                                                                                |
| Packing group                                                            | II                                                                                                 | II                                                                                                 | II                                                                                                 |
| Environmental hazards                                                    | -                                                                                                  | -                                                                                                  | -                                                                                                  |
| Special precautions for user                                             | Limited quantities derogation may be applicable to this product, please check transport documents. | Limited quantities derogation may be applicable to this product, please check transport documents. | Limited quantities derogation may be applicable to this product, please check transport documents. |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Product not transported as bulk.                                                                   | Product not transported as bulk.                                                                   | Product not transported as bulk.                                                                   |

**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.

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Version 2.0

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**16. OTHER INFORMATION****HMIS Ratings**

|                     |   |
|---------------------|---|
| <b>Health</b>       | 1 |
| <b>Flammability</b> | 3 |
| <b>Reactivity</b>   | 0 |

**NFPA Ratings**

|                   |   |
|-------------------|---|
| <b>Health</b>     | 1 |
| <b>Fire</b>       | 3 |
| <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.

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