

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



OFF!® BOTANICALS TOWELETTES

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000015122

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : OFF!® BOTANICALS TOWELETTES

Recommended use : Insect Repellent

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
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.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



OFF!® BOTANICALS TOWELETTES

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000015122

4. 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 |

5. FIREFIGHTING MEASURES

- | | | |
|---|---|--|
| Suitable extinguishing media | : | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Specific hazards during firefighting | : | Material may burn in heat of fire. |
| 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. |

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



OFF!® BOTANICALS TOWELETTES

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000015122

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 : 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
Ethyl alcohol	64-17-5	1,900 mg/m3	1,000 ppm	-	OSHA TWA
Ethyl alcohol	64-17-5	-	1,000 ppm	-	ACGIH STEL
Titanium Dioxide	13463-67-7	15 mg/m3	-	-	OSHA TWA
Titanium Dioxide	13463-67-7	10 mg/m3	-	-	ACGIH TWA

Personal protective equipment

Respiratory protection : Do not spray in enclosed areas.

Hand protection : No special requirements.

Eye protection : No special requirements.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



OFF!® BOTANICALS TOWELETTES

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000015122

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 : Liquid absorbed by inert carrier material

Color : white

Odor : Alcohol Odor

Odour Threshold : No data available

pH : 7.5

Melting point/freezing point : No data available

Initial boiling point and boiling range : Not applicable

Flash point : 13.8 °C
56.84 °F
Method: Tag Closed Cup (TCC)

Evaporation rate : No data available

Flammability (solid, gas) : Sustains combustion

Upper/lower flammability or explosive limits : No data available

Vapour pressure : No data available

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



OFF!® BOTANICALS TOWELETTES

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000015122

Vapour density	: No data available	
Relative density	: Not applicable	
Solubility(ies)	: dispersible	
Partition coefficient: n-octanol/water	: No data available	
Auto-ignition temperature	: not auto-flammable	
Decomposition temperature	:	
Viscosity, dynamic	: Not applicable	
Viscosity, kinematic	: Not applicable	
Oxidizing properties	: No data available	
Volatile Organic Compounds Total VOC (wt. %)*	: 71.8 % - 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	: If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.
Conditions to avoid	: Direct sources of heat.
Incompatible materials	: Do not mix with bleach or any other household cleaners.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



OFF!® BOTANICALS TOWELETTES

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000015122

Strong bases

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
estimated
> 5,000 mg/kg

Acute inhalation toxicity : GHS LC50 (dust and mist)
estimated
> 2.17 mg/l

Acute dermal toxicity : LD50
estimated
> 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	No classification proposed	-

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

**OFF!® BOTANICALS TOWELETTES**

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000015122

toxicity - single exposure		
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

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	flow-through test LC50	Pimephales promelas (fathead minnow)	14,200 mg/l	96 h
p-Menthane-3,8-Diol	No data available			
Titanium Dioxide	No data available			

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Ethyl alcohol	static test EC50	Daphnia magna (Water flea)		48 h

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

**OFF!® BOTANICALS TOWELETTES**

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000015122

			2 mg/l	
	NOEC	Daphnia magna	9.6 mg/l	9 d
p-Menthane-3,8-Diol	No data available			
Titanium Dioxide	No data available			

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Ethyl alcohol	Static EC50	Chlorella vulgaris (Fresh water algae)	275 mg/l	72 h
p-Menthane-3,8-Diol	No data available			
Titanium Dioxide	static test EC50	Pseudokirchneriella subcapitata	61 mg/l	72 h

Persistence and degradability

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

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Ethyl alcohol	3.2 estimated	-0.35 Measured
p-Menthane-3,8-Diol	No data available	No data available
Titanium Dioxide	No data available	No data available

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

**OFF!® BOTANICALS TOWELETTES**

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000015122

Mobility

Component	End point	Value
Ethyl alcohol	No data available	
p-Menthane-3,8-Diol	No data available	
Titanium Dioxide	No data available	

PBT and vPvB assessment

Component	Results
Ethyl alcohol	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.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



OFF!® BOTANICALS TOWELETTES

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000015122

	Land transport	Sea transport	Air transport
UN number	3175	3175	3175
UN proper shipping name	UN 3175 Solids containing flammable liquid, n.o.s.	UN 3175 Solids containing flammable liquid, n.o.s.	UN 3175 Solids containing flammable liquid, n.o.s.
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.

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:

CAUTION:

Causes moderate eye irritation.

May cause a skin reaction in rare cases.

Flammable.

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.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

**OFF!® BOTANICALS TOWELETTES**

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000015122

Registration # / Agency
4822-526/US/EPA

16. OTHER INFORMATION**HMIS Ratings**

Health	2
Flammability	3
Reactivity	0

NFPA Ratings

Health	2
Fire	3
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

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)
-------------	--

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



OFF!® BOTANICALS TOWELETTES

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000015122