

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



OFF BOTANICALS INSECT REPELLENT (EPA REG NO 4822-515)

Version 1.0

Print Date 07/27/2021

Revision Date 02/05/2020

SDS Number 350000037921

GEN_SOF Number 47592

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : OFF BOTANICALS INSECT REPELLENT (EPA REG NO 4822-515)

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

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
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p-Menthane-3,8-Diol	42822-86-6	5.00 - 10.00
Octylododecyl neopentanoate	125496-22-2	5.00 - 10.00
Stearic acid	57-11-4	1.00 - 5.00

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.

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

- Eyes** : No adverse effects expected when used as directed.
- Skin effect** : No adverse effects expected when used as directed.
- Inhalation** : No adverse effects expected when used as directed.
- Ingestion** : No adverse effects expected when used as directed.

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.

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Specific hazards during firefighting : 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. 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 : Dike large spills.
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 : 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.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Stearic acid	57-11-4	10 mg/m3	-	-	ACGIH TWA
Stearic acid	57-11-4	3 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.

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 : cream

Color : white

Odour : pleasant

Odour Threshold : Test not applicable for this product type

pH : 6.5

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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 : > 100 °C
> 212 °F

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 : 0.975 g/cm³ at 21.1 °C

Solubility(ies) : dispersible

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

Auto-ignition temperature : not auto-flammable

Decomposition temperature : Test not applicable for this product type

Viscosity, dynamic : Very viscous

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Viscosity, kinematic	: Very viscous	:
Oxidizing properties	: Test not applicable for this product type	:
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

Reactivity	: No dangerous reaction known under conditions of normal use.	:
Chemical stability	: Stable under recommended storage conditions.	:
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. Strong bases	:
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	:

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GHS Properties	Classification	Routes of entry
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.

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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
p-Menthane-3,8-Diol	semi-static test LC50 Measured OECD Test Guideline 203	Danio rerio (zebra fish)	62 mg/l	96 h
Octyldodecyl neopentanoate	No data available			
Stearic acid	LC50 OECD Test Guideline 203	Leuciscus idus (Golden orfe)	> 10,000 mg/l	48 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
p-Menthane-3,8-Diol	static test EC50 Measured OECD Test Guideline 202	Daphnia magna (Water flea)	68 mg/l	48 h

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Octyldodecyl neopentanoate	No data available			
Stearic acid	static test EC50	Daphnia magna (Water flea)	> 32 mg/l	47 h
	NOEC Read-across (Analogy)	Daphnia magna	0.022 mg/l	21 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
p-Menthane-3,8-Diol	EC50 Measured	Desmodesmus subspicatus (green algae)	52 mg/l	72 h
Octyldodecyl neopentanoate	No data available			
Stearic acid	Static EC50 Read-across (Analogy)	Pseudokirchneriella subcapitata (green algae)	> 0.9 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
p-Menthane-3,8-Diol	75 %	28 d	Readily biodegradable.
Octyldodecyl neopentanoate	No data available		
Stearic acid	72 %	28 d	Not readily biodegradable.

Bioaccumulative potential

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Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
p-Menthane-3,8-Diol	14.95 estimated	1.8 - 4.0
Octyldodecyl neopentanoate	No data available	No data available
Stearic acid	238 - 288	No data available

Mobility

Component	End point	Value
p-Menthane-3,8-Diol	No data available	
Octyldodecyl neopentanoate	No data available	
Stearic acid	No data available	

PBT and vPvB assessment

Component	Results
p-Menthane-3,8-Diol	Not fulfilling PBT and vPvB criteria
Stearic acid	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

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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:

CAUTION:

May cause eye irritation.

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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16. OTHER INFORMATION

HMIS Ratings

Health	0
Flammability	0
Reactivity	0

NFPA Ratings

Health	0
Fire	0
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)
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