

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# OFF® SPORTSMEN INSECT REPELLENT 1 (EPA REG. NO. 4822-276)

Version 1.4

Print Date 04/30/2025

Revision Date 08/05/2024

SDS Number 350000003959

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : OFF® SPORTSMEN INSECT REPELLENT 1 (EPA REG. NO. 4822-276)

**Recommended use** : Insect Repellent

**Manufacturer, importer, supplier** : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236

**Telephone** : +1 8005585252  
**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
Eye irritation	Category 2B	Causes eye irritation.

### Labelling

#### Hazard statements

Causes eye irritation.

#### Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/ attention.

Wash hands thoroughly after handling.

**Other hazards** : None identified

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
N,N-Diethyl-m-toluamide	134-62-3	60.00 - 100.00

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

- Eye contact** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.
- 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** : 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.

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## 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> | : | Dike large spills.<br>Clean residue from spill site.   |

## 7. HANDLING AND STORAGE

### Handling

- |                                      |   |  |
|--------------------------------------|---|--|
| <b>Precautions for safe handling</b> | : | Avoid contact with eyes and lips.<br>For personal protection see section 8.<br>Use only as directed.<br>KEEP OUT OF REACH OF CHILDREN AND PETS.<br>Wash thoroughly after handling. |
|--------------------------------------|---|--|

- |  |   |   |
|--|---|---|
| <b>Advice on protection against fire and explosion</b> | : | Normal measures for preventive fire protection. |
|--|---|---|

### Storage

- |  |   |  |
|--|---|--|
| <b>Requirements for storage areas and containers</b> | : | Keep container closed when not in use.<br>Keep away from food, drink and animal feedingstuffs.<br>Keep in a dry, cool and well-ventilated place. |
|--|---|--|

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

### Personal protective equipment

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<b>Respiratory protection</b>	: Do not spray in enclosed areas.
<b>Hand protection</b>	: No special requirements.
<b>Eye protection</b>	: No special requirements.
<b>Skin and body protection</b>	: No special requirements.
<b>Hygiene measures</b>	: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	: liquid
<b>Color</b>	: colourless
<b>Color</b>	: yellow
<b>Odor</b>	: mild
<b>Odour Threshold</b>	: Test not applicable for this product type
<b>pH</b>	: Test not applicable for this product type
<b>Melting point/freezing point</b>	: Test not applicable for this product type
<b>Initial boiling point and boiling range</b>	: 292 °C
<b>Flash point</b>	: 155 °C 311 °F Method: Tag Closed Cup (TCC)
<b>Evaporation rate</b>	: Test not applicable for this product type
<b>Flammability (solid, gas)</b>	: Test not applicable for this product type

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**Upper/lower flammability or explosive limits** : Test not applicable for this product type

**Vapour pressure** : < 1 hPa  
at 25 °C

**Vapour density** : 6.7

**Relative density** : 0.992 - 0.999 g/cm<sup>3</sup> at 25 °C

**Solubility(ies)** : practically insoluble

**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** : 21.86 mPa.s  
at 20 °C

**Viscosity, kinematic** : Test not applicable for this product type

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

**Volatile Organic Compounds** : 0 % - additional exemptions may apply  
**Total VOC (wt. %)\*** : \*as defined by US Federal and State Consumer Product Regulations

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**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** : Stable under recommended storage conditions.

**Conditions to avoid** : Direct sources of heat.

**Incompatible materials** : None known.

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

#### 11. TOXICOLOGICAL INFORMATION

**Emergency Overview** : Warning

**Acute oral toxicity** : LD50 2,420 mg/kg

**Acute inhalation toxicity** : LC50 5.95 mg/l

**Acute dermal toxicity** : LD50 4,223 mg/kg

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

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Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin corrosion/irritation	No classification proposed	-
Eye irritation	Category 2B	-
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

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
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				time
N,N-Diethyl-m-toluamide	LC50	Danio rerio (zebra fish)	97 mg/l	96 h

**Toxicity to aquatic invertebrates**

Components	End point	Species	Value	Exposure time
N,N-Diethyl-m-toluamide	LC50	Daphnia magna (Water flea)	75 mg/l	51 h
	semi-static test NOEC Measured OECD Guideline 211 (Daphnia magna Reproduction Test)	Daphnia magna	3.7 mg/l	21 d

**Toxicity to aquatic plants**

Components	End point	Species	Value	Exposure time
N,N-Diethyl-m-toluamide	ErC50	Selenastrum capricornutum, Skeletonema costatum	43 mg/l	96 h

**Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
N,N-Diethyl-m-toluamide	83.8 %	28 d	Readily biodegradable.

**Bioaccumulative potential**

Component	Bioconcentration	Partition Coefficient n-
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	factor (BCF)	Octanol/water (log)
N,N-Diethyl-m-toluamide	21.9 estimated	2.4

### Mobility

Component	End point	Value
N,N-Diethyl-m-toluamide	Koc	43.3

### PBT and vPvB assessment

Component	Results
N,N-Diethyl-m-toluamide	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.

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## 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:

WARNING:

EYE IRRITANT.

May be harmful if swallowed.

**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.

**Registration # / Agency**  
4822-276/EPA

## 16. OTHER INFORMATION

### HMIS Ratings

<b>Health</b>	2 2
<b>Flammability</b>	11
<b>Reactivity</b>	0 0

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#### NFPA Ratings

<b>Health</b>	2
	2
<b>Fire</b>	1
	1
<b>Reactivity</b>	0
	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

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