# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
US OSHA Hazard Communication Standard 2024 (29 CFR 1910.1200)

**Issuing Date** 26.10.2026 **Revision date** 26.10.2026 **Revision Number** 1.0

## 1. Identification

**Product Identifier**

**Product Name** OFF! Mosquito Repellent 4 (EPA Reg. No. 4822-639)

**Other means of identification**

**Product Code(s)** 238806

**UN number or ID number** UN1170

**Reference number** 350000039493

**Recommended use of the chemical and restrictions on use**

**Recommended use** Insect Repellent.

**Restrictions on use** No information available.

**Details of the supplier of the safety data sheet**

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

**Telephone** : +1 8005585252

**Emergency telephone** : 24 Hour Medical Emergency Phone: (866)231-5406 24 Hour Transport Emergency Phone: (800)424-9300

## 2. Hazard(s) identification

**Classification**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Label elements**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Other Information**

**Other hazards** No information available.

## 3. Composition/information on Ingredients

**Substances**

Not applicable

**Mixtures**

## 4. First-aid measures

**Description of first aid measures**

**Inhalation** Remove to fresh air.

**Eye Contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin Contact** Wash skin with soap and water.

**Ingestion** Rinse mouth.

**Most Important Symptoms and Effects, Both Acute and Delayed**

**Symptoms** No information available.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

**Note to physicians** Treat symptomatically.

## 5. Fire-Fighting Measures

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Do not scatter spilled material with high pressure water streams.

**Specific Hazards Arising from the Chemical** No information available.

**Special protective equipment and precautions for fire-fighters**

.
Fight fire from maximum distance or protected area.. Although this product has a flash point below 200 Deg F, it is an aqueous solution containing an alcohol and does not sustain combustion.. Fight fire with normal precautions from a reasonable distance.. Standard procedure for chemical fires.. Wear full protective clothing and positive pressure self-contained breathing apparatus.. In case of fire and/or explosion do not breathe fumes..
.
Fight fire from maximum distance or protected area.. Although this product has a flash point below 200 Deg F, it is an aqueous solution containing an alcohol and does not sustain combustion.. Cool and use caution when approaching or handling fire-exposed containers.. Fight fire with normal precautions from a reasonable distance.. For large quantities of flammable liquids, consider containment to prevent the spread of fire.. Standard procedure for chemical fires.. 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, protective equipment and emergency procedures**

**Personal Precautions** Ensure adequate ventilation.

**Methods and material for containment and cleaning up**

**Methods and material for containment and cleaning up** Pick up and transfer to properly labeled containers. Prevent further leakage or spillage if safe to do so.

## 7. Handling and Storage

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

## 8. Exposure Controls/Personal Protection

**Control Parameters**

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

**Appropriate Engineering Controls**

**Engineering controls** Showers; Eyewash stations; Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory Protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

## 9. Physical and chemical properties

**Information on basic physical and chemical properties**

**Physical State** Liquid.
**Appearance** liquid.

**Color** white.
**Odor** solvent.
**Odor threshold** No information available.

| Property | Values | Remarks • Method |
|---|---|---|
| **Melting point / freezing point** | / | Test not applicable for this product type |
| **Boiling point (or initial boiling point or boiling range)** | Calculated 99 °C / 210 °F | |
| **Flammability** | No data available | None known |
| **Flammability Limit in Air** | | |
| **Upper flammability or explosive** | 19 %(V) | |

| | | |
|---|---|---|
| **limits** | | |
| **Lower flammability or explosive limits** | 3.3 %(V) | |
| **Flash point** | 43.6 °C / 110.5 °F | |
| **Autoignition temperature** | No data available | None known |
| **Decomposition temperature** | No data available | None known |
| **SADT (°C)** | No data available | None known |
| **pH** | 6.4 | @ 21 °C / 70 °F |
| **Kinematic viscosity** | 290.4 mm2/s | @ 25 °C / 77 °F |
| **Dynamic viscosity** | 287.5 mPa.s | @ 25 °C / 77 °F |
| **Water solubility** | | / partly soluble |
| **Solubility** | No data available | None known |
| **Partition coefficient n-octanol/water (log value)** | | / Test not applicable for this product type |
| **Vapor pressure** | Calculated 24 hPa | / |
| **Evaporation rate** | | Test not applicable for this product type |
| **Relative density** | No data available | None known |
| **Bulk density** | No data available | None known |
| **Liquid Density** | 0.99 g/cm3 | @ 21 °C / 70 °F |
| **Relative vapor density** | | / Test not applicable for this product type |
| **Particle characteristics** | | |
| **Particle Size** | No data available | None known |
| **Particle Size Distribution** | No data available | None known |

**Other Information**

| | |
|---|---|
| **Volatile organic compounds Total VOC (wt. %)*** | 8.1 %. - additional exemptions may apply<br>*as defined by US Federal and State Consumer Product Regulations |
| **Oxidizing Properties** | Test not applicable for this product type. |

## 10. Stability and Reactivity

| | |
|---|---|
| **Reactivity** | No information available. |
| **Chemical stability** | Stable under normal conditions. |
| **Possibility of Hazardous Reactions** | None under normal processing. |
| **Conditions to Avoid** | None known based on information supplied. |
| **Incompatible Materials** | None known based on information supplied. |
| **Hazardous Decomposition Products** | None known based on information supplied. |

## 11. Toxicological Information

**Information on likely routes of exposure**

**Product Information**

| | |
|---|---|
| **Inhalation** | Specific test data for the substance or mixture is not available. |
| **Eye Contact** | Specific test data for the substance or mixture is not available. |
| **Skin Contact** | Specific test data for the substance or mixture is not available. |

**Ingestion** Specific test data for the substance or mixture is not available.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unless specifically noted, no alternative information or methods were used to derive toxicology information

**Acute Toxicity** No information available.

**Numerical measures of toxicity**
No information available.

**Skin Corrosion/Irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Skin Sensitization** No information available.

**Respiratory sensitization** No information available.

**Germ Cell Mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration Hazard** No information available.

**Other adverse effects** No information available.

## 12. Ecological Information

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

**Persistence and degradability**

**Persistence and degradability** No information available.

**Bioaccumulative potential**

**Bioaccumulation** There is no data for this product.

**Other adverse effects** No information available.

## 13. Disposal considerations

**Disposal methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated Packaging** Do not reuse empty containers.

## 14. Transport information

**DOT**

| | |
|---|---|
| **UN number or ID number** | UN1170 |
| **UN proper shipping name** | ETHANOL SOLUTIONS |
| **Transport hazard class(es)** | 3 |
| **Subsidiary hazard class** | - |
| **Packing group** | III |

**Marine pollutant**

**IATA**

| | |
|---|---|
| **UN number or ID number** | UN1170 |
| **UN proper shipping name** | ETHANOL SOLUTIONS |
| **Transport hazard class(es)** | 3 |
| **Subsidiary hazard class** | - |
| **Packing group** | III |

**ERG Code** 3L

**IMDG**

| | |
|---|---|
| **UN number or ID number** | UN1170 |
| **UN proper shipping name** | ETHANOL SOLUTIONS |
| **Transport hazard class(es)** | 3 |
| **Subsidiary hazard class** | |
| **Packing group** | III |
| **Marine pollutant** | Not applicable |
| **EmS-No.** | F-E, S-D |
| **Maritime transport in bulk according to IMO instruments** | No information available |

## 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:
PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS:
Causes moderate eye irritation.
Avoid contact with eyes.
May cause a skin reaction in rare cases.
Wash thoroughly with soap and water after handling.
Combustible.
Do not use or store near heat or open flame.

**US Federal Regulations**

**SARA 311/312 Hazard Categories**
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**CWA (Clean Water Act)**
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CAA (Clean Air Act)**
This product does not contain any substances regulated as pollutants pursuant to Clean Air Act (CAA).

**CERCLA**
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations**

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations.

## 16. Other information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **NFPA** | **Health hazards** | **Flammability** | **Instability** | **Stable** | **Special hazards** | **-** |
| | | **Flashpoint below 200 F** | | | | |
| **HMIS** | **Health hazards** | **Flammability** | **2** | **Physical hazards** | **Personal protection** | **X** |

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Legend**

| | |
|---|---|
| **ACGIH** | **American Conference of Governmental Industrial Hygienists** |
| **ADN** | **Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Europe)** |
| **ADR** | **Agreement concerning the International Carriage of Dangerous Goods by Road (Europe)** |
| **AIIC** | **Australian Inventory of Industrial Chemicals** |
| **ASTM** | **American Society for the Testing of Materials** |
| **ATE** | **Acute Toxicity Estimate** |
| **BAR** | **Biological Reference Values for Chemical Compounds in the Work Area** |
| **BAT** | **Biological tolerance values for occupational exposure** |
| **BEL** | **Biological exposure limits** |
| **bw** | **Body weight** |
| **Ceiling** | **Maximum limit value** |
| **CMR** | **Carcinogen, Mutagen or Reproductive Toxicant** |
| **DOT** | **Department of Transportation (United States)** |
| **DSL** | **Domestic Substances List (Canada)** |
| **EmS** | **Emergency Schedule** |
| **ENCS** | **Existing and New Chemical Substances (Japan)** |
| **EPA** | **U.S. Environmental Protection Agency** |
| **GHS** | **Globally Harmonized System** |
| **HMIS** | **Hazardous Materials Identification System** |
| **IARC** | **International Agency for Research on Cancer** |

| | |
|---|---|
| **IATA** | **International Air Transport Association** |
| **IBC** | **International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk** |
| **ICAO** | **International Civil Aviation Organization** |
| **IECSC** | **Inventory of Existing Chemical Substances in China** |
| **IMDG** | **International Maritime Dangerous Goods** |
| **IMO** | **International Maritime Organization** |
| **ISO** | **International Organization for Standardization** |
| **KECI** | **Korean Existing Chemicals Inventory** |
| **LC50** | **Lethal Concentration to 50% of a test population** |
| **LD50** | **Lethal Dose to 50% of a test population (Median Lethal Dose)** |
| **MARPOL** | **International Convention for the Prevention of Pollution from Ships** |
| **n.o.s.** | **Not Otherwise Specified** |
| **NFPA** | **National Fire Protection Association** |
| **NIOSH** | **National Institute for Occupational Safety and Health** |
| **NOAEC** | **No Observed Adverse Effect Concentration** |
| **NOAEL** | **No Observed Adverse Effect Level** |
| **NOELR** | **No Observable Effect Loading Rate** |
| **NTP** | **National Toxicology Program (United States)** |
| **NZIoC** | **New Zealand Inventory of Chemicals** |
| **OECD** | **Organization for Economic Cooperation and Development** |
| **OEL** | **Occupational exposure limits** |
| **OSHA** | **Occupational Safety and Health Administration of the US Department of Labor** |
| **PBT** | **Persistent, Bioaccumulative and Toxic substance** |
| **PICCS** | **Philippines Inventory of Chemicals and Chemical Substances** |
| **PMT** | **Persistent, Mobile and Toxic** |
| **PPE** | **Personal protective equipment** |
| **QSAR** | **Quantitative Structure Activity Relationship** |
| **RID** | **Agreement concerning the International Carriage of Dangerous Goods by Rail (Europe)** |
| **SADT** | **Self-Accelerating Decomposition Temperature** |
| **SAR** | **Structure-activity relationship** |
| **SARA** | **Superfund Amendments and Reauthorization Act** |
| **SDS** | **Safety Data Sheet** |
| **SL** | **Surface Limit** |
| **STEL** | **Short Term Exposure Limit** |
| **STOT RE** | **Specific target organ toxicity - Repeated exposure** |
| **STOT SE** | **Specific target organ toxicity - Single exposure** |
| **TCSI** | **Taiwan Chemical Substance Inventory** |
| **TDG** | **Transport of Dangerous Goods (Canada)** |
| **TSCA** | **Toxic Substances Control Act (United States)** |
| **TWA** | **Time-Weighted Average** |
| **UN** | **United Nations** |
| **VOC** | **Volatile organic compounds** |
| **vPvB** | **Very Persistent and Very Bioaccumulative** |
| **vPvM** | **Very Persistent and Very Mobile** |

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific

material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**