OFF!® DEEP WOODS® INSECT REPELLENT V

1. PRODUCT AND COMPANY IDENTIFICATION

Product information
Trade name : OFF!® DEEP WOODS® INSECT REPELLENT V
Use of the Substance/Mixture : Insect Repellent
Company : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236
Emergency telephone : 24 Hour Transport & Medical Emergency Phone (866) 231-5406
24 Hour International Emergency Phone (952) 852-4647

2. HAZARDS IDENTIFICATION

Emergency Overview
Appearance / Odor : clear / aerosol / characteristic
Immediate Concerns : Caution
CAUSES EYE IRRITATION.
FLAMMABLE:
Contents under pressure. Do not puncture or incinerate. Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst. May be harmful if swallowed. Avoid contact with eyes and lips.

Potential Health Effects
Exposure routes : Eye, Skin, Inhalation, Ingestion.
Eyes : May cause:
Moderate eye irritation
Skin : May cause skin reactions in rare cases.
Inhalation : Inhalation may cause central nervous system effects.
Ingestion : May be harmful if swallowed.
May cause irritation to mouth, throat and stomach.
Causes headache, drowsiness or other effects to the central nervous system.
Aggravated Medical Condition : None known.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>30.00 - 60.00</td>
</tr>
<tr>
<td>N,N-Diethyl-m-toluamide</td>
<td>134-62-3</td>
<td>25.00</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>7.00 - 13.00</td>
</tr>
<tr>
<td>Butane</td>
<td>106-97-8</td>
<td>1.00 - 5.00</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1.00 - 5.00</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>1.00 - 5.00</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water for at least 15 to 20 minutes. Get medical attention if irritation develops and persists.

Skin contact: Wash off with soap and water. Get medical attention if irritation develops and persists.

Inhalation: If breathing is affected, get medical attention. Remove to fresh air.

Ingestion: Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Alcohol foam, carbon dioxide, dry chemical, water fog

Specific hazards during fire fighting: Aerosol Product - Containers may rocket or explode in heat of fire.

Further information: Wear full protective clothing and positive pressure self-contained breathing apparatus. Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers.

Flash point: < 20 °F
Method: Tag Closed Cup (TCC)
Note: Propellant

Lower explosion limit: Note: no data available
OFF!® DEEP WOODS® INSECT REPELLENT V

Upper explosion limit : Note: no data available
NFPA Classification : NFPA Level 2 Aerosol

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove all sources of ignition.
Environmental precautions : Use appropriate containment to avoid environmental contamination.
Methods for cleaning up : Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Dike large spills.

7. HANDLING AND STORAGE

Handling
Advice on safe handling : Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Avoid contact with eyes and lips.
Do not puncture or incinerate.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition.

Storage
Requirements for storage areas and containers : Keep in a dry, cool and well-ventilated place. Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>mg/m3</th>
<th>ppm</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>-</td>
<td>1,000</td>
<td>ACGIH TWA</td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>1,900</td>
<td>1,000</td>
<td>OSHA TWA</td>
</tr>
<tr>
<td>Butane</td>
<td>106-97-8</td>
<td>-</td>
<td>1,000</td>
<td>ACGIH TWA</td>
</tr>
<tr>
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<td>74-98-6</td>
<td>-</td>
<td>1,000</td>
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<td>1,800</td>
<td>1,000</td>
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<td>75-28-5</td>
<td>-</td>
<td>1,000</td>
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</tbody>
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Personal protective equipment

Respiratory protection

Industrial setting: Do not spray in enclosed areas. No personal respiratory protective equipment normally required.

Household setting: No personal respiratory protective equipment normally required.

Hand protection

Industrial setting: For prolonged or repeated contact use protective gloves.

Household setting: not required under normal use

Eye protection

Industrial setting: If prolonged or repeated contact is possible: Safety glasses with side-shields

Household setting: No special requirements.

Hygiene measures: Use only with adequate ventilation. Wash thoroughly after handling. Wear suitable protective clothing.
9. PHYSICAL AND CHEMICAL PROPERTIES

Form : aerosol
Color : clear
Odor : characteristic
pH : not applicable
Boiling point : no data available
Freezing point : not applicable
Flash point : < 20 °F
Method: Tag Closed Cup (TCC) Propellant
Evaporation rate : no data available
Autoignition temperature : no data available
Lower explosion limit : no data available
Upper explosion limit : no data available
Vapour pressure : no data available
Density : 0.84 g/cm³
Water solubility : soluble
Partition coefficient: n-octanol/water : no data available

10. STABILITY AND REACTIVITY

Conditions to avoid : Heat, flames and sparks.
Materials to avoid : Do not mix with oxidizing agents.
Hazardous decomposition products : When exposed to fire, produces normal products of combustion.
Hazardous reactions : Stable
11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : 3,735 mg/kg
Acute inhalation toxicity : > 2.18 mg/l
Acute dermal toxicity : > 2,000 mg/kg

Chronic effects
Carcinogenicity : no data available
Mutagenicity : no data available
Reproductive effects : no data available
Teratogenicity : no data available
Sensitisation : Not known to be a sensitizer.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects : no data available

13. DISPOSAL CONSIDERATIONS

Industrial setting : Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.

Household setting : Consumer may discard empty container in trash, or recycle where facilities exist.

RCRA waste class : D001 (Ignitable Waste)

SCJ product category : AF: Aerosol Flammable
14. TRANSPORT INFORMATION

Land transport

U.S. DOT and Canadian TDG Surface Transportation:

- UN-Number: 1950
- Proper shipping name: Aerosols, flammable
- Class: 2.1
- Packaging group: None.

Note: SC Johnson ships this product as Consumer Commodity ORM-D (non-bulk packages)

Sea transport

IMDG:

- Class: 2.1
- Packaging group: None.
- Proper shipping name: Aerosols, flammable
- UN-Number: 1950

Note: SC Johnson ships this product as "Limited Quantity" when the container quantity value is 1 Liter or less.

Air transport

ICAO/IATA:

- Class: 2.1
- Packaging group: None.
- Proper shipping name: Aerosols, flammable
- UN/ID No.: UN 1950

Note: SC Johnson typically does not ship products via air, therefore it has not been determined if the product container meets current IATA/ICAO package criteria. Refer to IATA/ICAO Dangerous Goods Regulations for detailed instructions when shipping this item by air.

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.

Notification status: All ingredients of this product comply with the New Substances
Notification requirements under the Canadian Environmental Protection Act (CEPA).

California Prop. 65: This product is not subject to the reporting requirements under California's Proposition 65.

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Registration # / Agency
4822-167/EPA

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>HMIS Ratings</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
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</tr>
<tr>
<td>Flammability</td>
<td>4</td>
</tr>
<tr>
<td>Reactivity</td>
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</table>

<table>
<thead>
<tr>
<th>NFPA Ratings</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>2</td>
</tr>
<tr>
<td>Fire</td>
<td>4</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Special</td>
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</table>

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