

# Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1200



## OFF!® DEEP WOODS® SPORTSMEN INSECT REPELLENT I (PUMP SPRAY)

Version 1.1

Print Date 12/08/2008

Revision Date 12/08/2008

MSDS Number 350000003959

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : OFF!® DEEP WOODS® SPORTSMEN INSECT REPELLENT I (PUMP SPRAY)

Use of the Substance/Preparation Company : Insect Repellent  
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 : light yellow / liquid / mild

#### Immediate Concerns

: WARNING  
CAUSES EYE IRRITATION.  
May be harmful if swallowed. Avoid contact with eyes and lips.

#### Potential Health Effects

Routes of exposure : Eye, Skin, Inhalation, Ingestion.

Eyes : May cause:  
Moderate eye irritation

Skin : May cause skin reactions in rare cases.

Inhalation : None known.

Ingestion : May cause:  
Abdominal discomfort.

Aggravated Medical Condition : None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight %
N,N-Diethyl-m-toluamide	134-62-3	98.25

### 4. FIRST AID MEASURES

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- |              |   |   |
|--------------|---|---|
| Eye contact  | : | Flush immediately with plenty of water for at least 15 to 20 minutes. Remove contact lenses. Get medical attention immediately.   |
| Skin contact | : | If you suspect a reaction to this product, discontinue use and remove contaminated clothing. Get medical attention immediately if irritation develops and persists.   |
| Inhalation   | : | Remove to fresh air. If breathing is affected, get medical attention.   |
| Ingestion    | : | Drink 1 or 2 glasses of water. DO NOT induce vomiting unless directed to do so by a physician or poison control center. 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 | : | Container may melt and leak in heat of fire. Material may burn in heat of fire.   |
| Further information                   | : | Cool and use caution when approaching or handling fire-exposed containers. Wear full protective clothing and positive pressure self-contained breathing apparatus. Standard procedure for chemical fires. |
| Flash point                           | : | > 300 °F<br>Method: Tag Closed Cup (TCC)  |
| Lower explosion limit                 | : | Note: no data available   |
| Upper explosion limit                 | : | Note: no data available   |

## 6. ACCIDENTAL RELEASE MEASURES

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

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## 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.

### Storage

Requirements for storage areas and containers : Keep in a dry, cool and well-ventilated place.  
Keep container closed when not in use.

## 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

#### *Respiratory protection*

Industrial setting : Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.

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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	liquid
Color	:	light yellow
Odor	:	mild
pH	:	not applicable
Boiling point	:	545 °F
Flash point	:	> 300 °F Method: Tag Closed Cup (TCC)
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
Water solubility	:	negligible
Partition coefficient: n-octanol/water	:	no data available
Specific Gravity	:	1.0

## 10. STABILITY AND REACTIVITY

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

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## 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat  
Dose: 2,170 - 3,664 mg/kg

Acute inhalation toxicity : LC50 rat  
Dose: 5.95 mg/l

Acute dermal toxicity : LD50 rat  
Dose: 4,223 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** : Harmful to aquatic organisms.

## 13. DISPOSAL CONSIDERATIONS

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

Household setting : Dispose of in accordance with local regulations.

## 14. TRANSPORT INFORMATION

### Land transport

▪ **U.S. DOT and Canadian TDG Surface Transportation:**

UN-Number None.

Proper shipping name not regulated

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Class: None.  
Packaging group: None.

### Sea transport

▪ *IMDG:*  
UN-Number: None.  
Packaging group: None.  
Proper shipping name: not regulated  
Class: None.

### Air transport

▪ *ICAO/IATA:*  
Class: None.  
Packaging group: None.  
Proper shipping name: not regulated  
UN/ID No.: None.

## 15. REGULATORY INFORMATION

### Global Chemical Inventories

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.

: 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.

EPA Registration Number : 4822-276

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### 16. OTHER INFORMATION

#### HMIS Ratings

Health	2
Flammability	1
Reactivity	0

#### NFPA Ratings

Health	2
Fire	1
Reactivity	0
Special	

#### Further information

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