

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 01/19/2009

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

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 : 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

Safety Data Sheet (SDS)

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 01/19/2009

Revision Date 12/08/2008

MSDS Number 350000003959

- | | | |
|--------------|---|---|
| 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
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.
Soak up with inert absorbent material.
Sweep up and shovel into suitable containers for disposal. |

Safety Data Sheet (SDS)

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 01/19/2009

Revision Date 12/08/2008

MSDS Number 350000003959

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 : Keep in a dry, cool and well-ventilated place.
areas and containers : 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.

Safety Data Sheet (SDS)

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 01/19/2009

Revision Date 12/08/2008

MSDS Number 350000003959

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

Safety Data Sheet (SDS)

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 01/19/2009

Revision Date 12/08/2008

MSDS Number 350000003959

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

Safety Data Sheet (SDS)

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 01/19/2009

Revision Date 12/08/2008

MSDS Number 350000003959

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

Safety Data Sheet (SDS)

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 01/19/2009

Revision Date 12/08/2008

MSDS Number 350000003959

16. OTHER INFORMATION

HMIS Ratings

Health	2
Flammability	1
Reactivity	0

NFPA Ratings

Health	2
Fire	1
Reactivity	0
Special	

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)
--------------	--