

Material Safety Data Sheet

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



OFF!® DEEP WOODS® INSECT REPELLENT TOWELETTES

Version 1.

Print Date 04/23/2009

Revision Date 04/22/2009

MSDS Number 350000003834

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Trade name : OFF!® DEEP WOODS® INSECT REPELLENT TOWELETTES

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 : clear to white / Liquid absorbed by inert carrier material / solvent

Immediate Concerns

: WARNING
CAUSES EYE IRRITATION.
FLAMMABLE:
May be harmful if swallowed. Avoid contact with eyes and lips.
Keep away from heat, sparks and flame.

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 be harmful if swallowed.
May cause irritation to mouth, throat and stomach.

Aggravated Medical
Condition : None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight %
Ethyl alcohol	64-17-5	30.00 - 60.00
N,N-Diethyl-m-toluamide	134-62-3	25.00
Polypropylene	9003-07-0	10.00 - 30.00

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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 | : | Material may burn in heat of fire. |
| Further information | : | Wear full protective clothing and positive pressure self-contained breathing apparatus. Cool and use caution when approaching or handling fire-exposed containers. |
| Flash point | : | 81 - 82 °F
Method: Tag Closed Cup (TCC) |

6. ACCIDENTAL RELEASE MEASURES

- | | | |
|---------------------------|---|---|
| Personal precautions | : | Remove all sources of ignition. |
| Environmental precautions | : | Use appropriate containment to avoid environmental contamination. |
| Methods for cleaning up | : | Sweep up and shovel into suitable containers for disposal. |

7. HANDLING AND STORAGE

Handling

- | | | |
|-------------------------|---|-----------------------|
| Advice on safe handling | : | Use only as directed. |
|-------------------------|---|-----------------------|

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KEEP OUT OF REACH OF CHILDREN AND PETS.
Avoid contact with eyes and lips.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Basis
Ethyl alcohol	64-17-5	-	1,000 ppm	ACGIH TWA
Ethyl alcohol	64-17-5	1,900 mg/m3	1,000 ppm	OSHA TWA

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 : No special requirements.

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 absorbed by inert carrier material
Color	: clear to white
Odor	: solvent
pH	: no data available
Boiling point	: no data available
Freezing point	: no data available
Flash point	: 81 - 82 °F Method: Tag Closed Cup (TCC)
Evaporation rate	: no data available
Autoignition temperature	: no data available
Vapour pressure	: no data available
Water solubility	: slightly soluble
Partition coefficient: n-octanol/water	: no data available
Specific Gravity	: not applicable
Percent volatile	: 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	: rat Dose: 2,329 mg/kg
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Acute inhalation toxicity : rat
Dose: > 2.25 mg/l

Acute dermal toxicity : rabbit
Dose: > 5,000 mg/kg

Chronic effects

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive effects : no data available

Teratogenicity : no data available

Sensitisation : May cause sensitization by skin contact.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects : Not 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.

14. TRANSPORT INFORMATION

Land transport

U.S. DOT and Canadian TDG Surface Transportation:

UN-Number 3175
Proper shipping name Solids containing flammable liquid, N.O.S.
Class: 4.1
Packaging group: II

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

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Sea transport

▪ *IMDG:*

Class: 4.1
Packaging group: II
Proper shipping name: Solids containing flammable liquid, N.O.S.
UN-Number: 3175

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

Air transport

▪ *ICAO/IATA:*

Class: 4.1
Packaging group: II
Proper shipping name: Solids containing flammable liquid, N.O.S.
UN/ID No.: UN 3175

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

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

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Regulations.

EPA Registration Number : 4822-258; P.C.P. REG. NO. 27895

16. OTHER INFORMATION

HMIS Ratings

Health	2
Flammability	3
Reactivity	0

NFPA Ratings

Health	2
Fire	3
Reactivity	0
Special	

Further information

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