

# Material Safety Data Sheet

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



## OFF!® SKINTASTIC® FAMILYCARE INSECT REPELLENT TOWELETTES (REG NO 28488 P.C.P. ACT)

Version 1.

Print Date 03/23/2010

Revision Date 01/26/2010

MSDS Number 350000003835  
SITE\_FORM Number  
30000000000000003170.001

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : OFF!® SKINTASTIC® FAMILYCARE INSECT REPELLENT  
TOWELETTES (REG NO 28488 P.C.P. ACT)

Use of the Substance/Mixture : Insect Repellent

Company : S.C. Johnson and Son, Limited  
1 Webster Street  
Brantford ON N3T 5R1

Emergency telephone : 24 Hour Transport & Medical Emergency Phone (866) 231-5406  
24 Hour International Emergency Phone (952) 852-4647  
24 Hour Canadian Transport Emergency Phone (CANUTEC)  
(613) 996-6666

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance / Odor : white / Liquid absorbed by inert carrier material / Alcohol Odor

#### Immediate Concerns

: Caution  
CAUSES EYE IRRITATION.  
FLAMMABLE:  
Avoid contact with eyes and lips. Keep away from heat, sparks and flame.

#### Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : May cause:  
Moderate eye irritation

Skin : May cause skin reactions in rare cases.

Inhalation : None known.

Ingestion : May cause irritation to mouth, throat and stomach.

Aggravated Medical Condition : None known.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Ethyl alcohol	64-17-5	60.00 - 100.00
Non-woven fabric	Mixture	10.00 - 30.00
N,N-Diethyl-m-toluamide	134-62-3	5.60

### 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 : 60 - 61 °F  
Method: Tag Closed Cup (TCC)
- Flash point : 15 - 16 °C  
Method: Tag Closed Cup (TCC)
- Upper explosion limit : Note: no data available

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### 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.  
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	Non-standard units	Basis
Ethyl alcohol	64-17-5	-	1,000 ppm	-	ACGIH 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.

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#### **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.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Liquid absorbed by inert carrier material
Color	:	white
Odor	:	Alcohol Odor
pH	:	no data available
Boiling point	:	no data available
Freezing point	:	no data available
Flash point	:	60 - 61 °F Method: Tag Closed Cup (TCC)
Flash point	:	15 - 16 °C Method: Tag Closed Cup (TCC)
Evaporation rate	:	no data available
Autoignition temperature	:	no data available
Upper explosion limit	:	no data available
Vapour pressure	:	no data available
Density	:	no data available
Water solubility	:	dispersible

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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 : Thermal decomposition can lead to release of irritating gases and vapours.  
Hazardous reactions : Stable

## 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50  
estimated  
> 5,000 mg/kg

Acute inhalation toxicity : LC50  
estimated  
> 2.2 mg/l

Acute dermal toxicity : LD50  
estimated  
> 2,000 mg/kg

### Chronic effects

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive effects : no data available

Teratogenicity : no data available

Sensitisation : Substance is not a sensitizer.

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### 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)

### 14. TRANSPORT INFORMATION

#### Land transport

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

UN-Number 3175  
Proper shipping name Solids containing a 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)

#### Sea transport

▪ **IMDG:**  
Class: 4.1  
Packaging group: II  
Proper shipping name Solids containing a 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:**

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Class: 4.1  
Packaging group: II  
Proper shipping name: Solids containing a 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

- 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.
- Canada Regulations : 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.

### 16. OTHER INFORMATION

#### HMIS Ratings

Health	1
Flammability	3
Reactivity	0

#### NFPA Ratings

Health	1
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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