

Material Safety Data Sheet

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



OFF!® POWERPAD™ MOSQUITO LAMP & LANTERN - INSECTICIDE PAD

Version 1.

Print Date 11/19/2008

Revision Date 11/18/2008

MSDS Number 350000004472

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Trade name : OFF!® POWERPAD™ MOSQUITO LAMP & LANTERN - INSECTICIDE PAD

Use of the Substance/Preparation Company : Insecticide
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 : blue / Liquid absorbed by inert carrier material / mild

Immediate Concerns

: Caution
Harmful if swallowed. Harmful by inhalation. Avoid breathing vapors, mist or gas. Avoid contact with skin, eyes and clothing.

Potential Health Effects

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

Eyes : May irritate eyes.
No adverse effects expected when used as directed.

Skin : May be harmful if absorbed through skin.
No adverse effects expected when used as directed.

Inhalation : Harmful if inhaled.
No adverse effects expected when used as directed.

Ingestion : Harmful if swallowed.
No adverse effects expected when used as directed.

Aggravated Medical Condition : None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight %
Pulp mat	Mixture	60.00 - 70.00

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d-cis, trans Allethrin	231937-89-6	21.97
Distillates (petroleum), hydrotreated light	64742-47-8	5.00 - 10.00
Ethyl alcohol	64-17-5	1.00 - 5.00

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.
- Inhalation : If inhaled, remove to fresh air. If breathing is affected, get medical attention. If not breathing, give artificial respiration. Get medical attention immediately.
- 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 : Carbon dioxide (CO2) Dry chemical Foam
- Further information : Fight fire with normal precautions from a reasonable distance. Wear full protective clothing and positive pressure self-contained breathing apparatus.
- Flash point : Note: no data available
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available

6. ACCIDENTAL RELEASE MEASURES

- Environmental precautions : Use appropriate containment to avoid environmental contamination.
- Methods for cleaning up : 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 skin, eyes and clothing.
Avoid breathing vapors, mist or gas.

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 : 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 : 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	:	blue
Odor	:	mild
pH	:	no data available
Melting point	:	no data available
Boiling point	:	no data available
Freezing point	:	no data available
Flash point	:	no data available
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	:	no data available
Water solubility	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Specific Gravity	:	no data available

10. STABILITY AND REACTIVITY

Conditions to avoid	:	Extremes of temperature and direct sunlight.
Materials to avoid	:	Strong oxidizing agents Bases.
Hazardous decomposition	:	When exposed to fire, produces normal products of

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products combustion.
Other hazardous decomposition products may be formed.

Hazardous reactions : Stable

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50
Dose: estimated 4.1 - 9.8 g/kg
May cause abdominal discomfort.

Acute inhalation toxicity : no data available

Acute dermal toxicity : LD50
Dose: estimated > 5 g/kg
No adverse effects expected when used as directed.

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, may cause long-term adverse effects in the aquatic environment.

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.

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14. TRANSPORT INFORMATION

Land transport

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

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

Sea transport

▪ IMDG:

Class:	9
Packaging group:	III
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S (ALLETHRIN), 9,III
UN-Number:	3077
EmS:	F - A, S - F
Marine pollutant:	Marine pollutant

Note: Limited quantities derogation may be applicable to this product, please check transport documents.

Air transport

▪ ICAO/IATA:

Class:	9
Packaging group:	III
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S (ALLETHRIN), 9,III
UN/ID No.:	UN 3077

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.

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: 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 : 4822-469, P.C.P. REG. NO. 27227 & 28755

16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	0
Reactivity	0

NFPA Ratings

Health	1
Fire	0
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.

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Prepared by:	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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OFF!® POWERPAD™ MOSQUITO LAMP & LANTERN - CANDLE

Version 1.

Print Date 07/30/2009

Revision Date 07/28/2009

MSDS Number 350000004464
SITE_FORM Number
30000000000000003783.001

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Trade name : OFF!® POWERPAD™ MOSQUITO LAMP & LANTERN - CANDLE

Use of the Substance/Preparation : Candle

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 : off-white / solid / mild

Immediate Concerns

: Warning
To prevent fire, follow handling instructions in Section 7 of this MSDS. Failure to follow instructions could result in fire hazard. Avoid contact with molten wax.

Potential Health Effects

Routes of exposure : Inhalation

Eyes : None known.

Skin : None known.

Inhalation : None known.

Ingestion : None known.

Aggravated Medical Condition : None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight %
Paraffin waxes and Hydrocarbon waxes	8002-74-2	60.00 - 100.00

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4. FIRST AID MEASURES

- Eye contact : No special requirements
- Skin contact : Rinse with plenty of water.
- Inhalation : No special requirements
- Ingestion : No special requirements

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Alcohol foam, carbon dioxide, dry chemical, water fog
- Extinguishing media which shall not be used for safety reasons : High volume water jet
- Further information : Fight fire with normal precautions from a reasonable distance.
- Flash point : Note: no data available
- Lower explosion limit : Note: not applicable
- Upper explosion limit : Note: not applicable

6. ACCIDENTAL RELEASE MEASURES

- Methods for cleaning up : Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : KEEP OUT OF REACH OF CHILDREN AND PETS.
Use only as directed.
Burn candle within sight. Never touch, lift or move a candle while lit. Never burn candle on or near anything that can catch fire.

Storage

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Basis
Paraffin waxes and Hydrocarbon waxes	8002-74-2	2 mg/m3	-	ACGIH TWA

Personal protective equipment

Respiratory protection

Industrial setting : No personal respiratory protective equipment normally required.

Household setting : No personal respiratory protective equipment normally required.

Hand protection

Industrial setting : not required under normal use

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : solid
Color : off-white
Odor : mild
pH : not applicable

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Boiling point	:	no data available
Freezing point	:	not applicable
Flash point	:	no data available
Evaporation rate	:	not applicable
Autoignition temperature	:	not applicable
Lower explosion limit	:	not applicable
Upper explosion limit	:	not applicable
Vapour pressure	:	no data available
Water solubility	:	negligible
Partition coefficient: n-octanol/water	:	not applicable
Specific Gravity	:	no data available
Volatile Organic Compounds (California Air Resource Board – CARB) Total VOC (wt. %)	:	0 % - does not include any applicable regulatory exemptions

10. STABILITY AND REACTIVITY

Conditions to avoid	:	None known.
Materials to avoid	:	None.
Hazardous decomposition products	:	Thermal decomposition can lead to release of irritating gases and vapours.
Hazardous reactions	:	Stable

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	:	no data available
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	no data available

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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.

14. TRANSPORT INFORMATION

Land transport

U.S. DOT and Canadian TDG Surface Transportation:

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

Sea transport

IMDG:

- UN-Number: : None.
- Packaging group: : None.
- Proper shipping name : not regulated

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Class: None.

Air transport

▪ ICAO/IATA:

Class: None.
Packaging group: None.
Proper shipping name: not regulated
UN/ID No.: None.

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 does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

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	0
Flammability	1
Reactivity	0

NFPA Ratings

Health	0
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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