

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Version 1.0

Print Date 02/05/2018

Revision Date 07/05/2017

SDS Number 350000025088

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Recommended use : Insect Repellent

Restrictions on use : Use only as directed on label

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

Telephone : +1-800-558-5566

Emergency telephone number : 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

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Acute toxicity	Category 4	Harmful if inhaled.

Labelling

Hazard symbols
Exclamation mark

Signal word
Warning

Hazard statements
Harmful if inhaled.

Precautionary statements
If medical advice is needed, have product container or label at hand.

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Version 1.0

Print Date 02/05/2018

Revision Date 07/05/2017

SDS Number 350000025088

Keep out of reach of children.
Read label before use.
Call a POISON CENTER/doctor if you feel unwell.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Dispose of contents/ container to an approved incineration plant.
Avoid breathing spray.
Use only outdoors or in a well-ventilated area.

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by Canadian Hazardous Products Regulation are listed in this table.

Chemical name	CAS-No.	Weight percent
Crystalline Silica (Quartz)	14808-60-7	85.00 - 100.00
Metofluthrin	240494-70-6	7.00 - 10.00

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

For additional information on product ingredients, see www.whatsinsidescjohnson.com.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact : No special requirements

Skin contact : If you suspect a reaction to this product, discontinue use and remove contaminated clothing.

Inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Version 1.0

Print Date 02/05/2018

Revision Date 07/05/2017

SDS Number 350000025088

Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

Eyes : No adverse effects expected when used as directed.

Skin effect : No adverse effects expected when used as directed.

Inhalation : No adverse effects expected when used as directed.

Ingestion : No adverse effects expected when used as directed.

Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Further information : Fight fire from maximum distance or protected area. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Wear personal protective equipment.
Wash thoroughly after handling.

Environmental : Do not flush into surface water or sanitary sewer system.

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Version 1.0

Print Date 02/05/2018

Revision Date 07/05/2017

SDS Number 350000025088

precautions

Use appropriate containment to avoid environmental contamination.
Outside of normal use, avoid release to the environment.

Methods and materials for containment and cleaning up

: Sweep up and shovel into suitable containers for disposal.
Clean residue from spill site.

7. HANDLING AND STORAGE

Handling

Precautions for safe handling

: Avoid contact with eyes and lips.
For personal protection see section 8.
Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Avoid breathing vapours, mist or gas.
Use only outdoors or in a well-ventilated area.

Advice on protection against fire and explosion

: Normal measures for preventive fire protection.

Storage

Requirements for storage areas and containers

: Keep away from food, drink and animal feedingstuffs.
Keep in a dry, cool and well-ventilated place.

Other data

: Stable under recommended storage conditions.

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Version 1.0

Print Date 02/05/2018

Revision Date 07/05/2017

SDS Number 350000025088

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m ³	ppm	Non-standard units	Basis
Crystalline Silica (Quartz)	14808-60-7	0.025 mg/m ³	-	-	ACGIH TWA

Personal protective equipment

- Respiratory protection** : Use only with adequate ventilation. Do not spray in enclosed areas.
- Hand protection** : No special requirements.
- Eye protection** : No special requirements.
- Skin and body protection** : No special requirements.
- Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form** : Liquid absorbed by inert carrier material
- Color** : tan
- Odour** : odourless
- Odour Threshold** : Test not applicable for this product type
- pH** : Test not applicable for this product type

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Version 1.0

Print Date 02/05/2018

Revision Date 07/05/2017

SDS Number 350000025088

Melting point/freezing point : Test not applicable for this product type

Initial boiling point and boiling range : Test not applicable for this product type

Flash point : does not flash

Evaporation rate : Test not applicable for this product type

Flammability (solid, gas) : Does not sustain combustion.

Upper/lower flammability or explosive limits : Test not applicable for this product type

Vapour pressure : Test not applicable for this product type

Vapour density : Test not applicable for this product type

Relative density : Test not applicable for this product type

Solubility(ies) : Test not applicable for this product type

Partition coefficient: n-octanol/water : Test not applicable for this product type

Auto-ignition temperature : Test not applicable for this product type

Decomposition temperature : Test not applicable for this product type

Viscosity, dynamic : Test not applicable for this product type

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Version 1.0

Print Date 02/05/2018

Revision Date 07/05/2017

SDS Number 350000025088

Viscosity, kinematic	:	Test not applicable for this product type	:
Oxidizing properties	:	Test not applicable for this product type	:
Volatile Organic Compounds Total VOC (wt. %)*	:	3.7 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations	:
Other information	:	None identified	:

10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under recommended storage conditions.
Possibility of hazardous reactions	:	Stable under recommended storage conditions.
Conditions to avoid	:	Direct sources of heat.
Incompatible materials	:	None known.
Hazardous decomposition products	:	Thermal decomposition can lead to release of irritating gases and vapours.

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Version 1.0

Print Date 02/05/2018

Revision Date 07/05/2017

SDS Number 350000025088

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 > 2,000 mg/kg

Acute inhalation toxicity : LC50 1.0 mg/L

Acute dermal toxicity : LD50 2000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	Category 4	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin corrosion/irritation	No classification proposed	-
Serious eye damage/eye irritation	No classification proposed	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Version 1.0

Print Date 02/05/2018

Revision Date 07/05/2017

SDS Number 350000025088

Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

Aggravated Medical Condition : Do not apply to cuts or irritated skin.

12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
Crystalline Silica (Quartz)	LC0	Danio rerio (zebra fish)	10,000 mg/l	96 h
Metofluthrin	LC50	Oncorhynchus mykiss (rainbow trout)	0.0012 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Crystalline Silica (Quartz)	LC50	Daphnia magna (Water flea)	> 10,000 mg/l	24 h

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Version 1.0

Print Date 02/05/2018

Revision Date 07/05/2017

SDS Number 350000025088

Metofluthrin	EC50	Daphnia magna (Water flea)	0.0047 mg/l	48 h
--------------	------	----------------------------	-------------	------

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Crystalline Silica (Quartz)	No data available			
Metofluthrin	ErC50 No data available	Pseudokirchneriella subcapitata (green algae)	0.37 mg/l	

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Crystalline Silica (Quartz)	No data available		
Metofluthrin	No data available		Not readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Crystalline Silica (Quartz)	No data available	No data available
Metofluthrin	120	5

Mobility

Component	End point	Value
Crystalline Silica (Quartz)	No data available	
Metofluthrin	Koc	6184

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Version 1.0

Print Date 02/05/2018

Revision Date 07/05/2017

SDS Number 350000025088

PBT and vPvB assessment

Component	Results
Crystalline Silica (Quartz)	Not fulfilling PBT and vPvB criteria
Metofluthrin	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

PESTICIDAL WASTE:

For disposal information, please read and follow Disposal instructions on the pesticide label. Consumer may discard empty container in trash, or recycle where facilities exist.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Version 1.0

Print Date 02/05/2018

Revision Date 07/05/2017

SDS Number 350000025088

	Land transport	Sea transport	Air transport
UN number	3077	3077	3077
UN proper shipping name	UN 3077 Environmentally Hazardous Substance, Solid, N.O.S., (Metofluthrin) 9, III, LTD QTY	UN 3077 Environmentally Hazardous Substance, Solid, N.O.S., (Metofluthrin) 9, III, LTD QTY	UN 3077 Environmentally Hazardous Substance, Solid, N.O.S., (Metofluthrin) 9, III, LTD QTY
Transport hazard class(es)	9	9	9
Packing group	III	III	III
Environmental hazards	-	-	-
Special precautions for user	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

15. REGULATORY INFORMATION

PCPA Labeling

Read the approved PCPA label prior to using or handling the pest control product. This chemical is a pest control product registered by Health Canada Pest Management Regulatory Agency and is subject to certain labelling requirements under the Pest Control Products Act. These requirements differ from the classification criteria and hazard information required for GHS-consistent safety data sheets. Following is the hazard information required on the pest control product label:

CAUTION:

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Version 1.0

Print Date 02/05/2018

Revision Date 07/05/2017

SDS Number 350000025088

POISON

Harmful if swallowed.

Harmful if absorbed through skin.

Harmful if directly inhaled.

Direct exposure to treated diffuser may cause transient sensation (tingling/burning/itching, numbness).

Toxic to aquatic organisms.

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 the hazard criteria of the Hazardous Products Act and Regulations.

16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	0
Reactivity	0

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



OFF! Mosquito Lamp (Reg. No. 32308 P.C.P. Act)

Version 1.0

Print Date 02/05/2018

Revision Date 07/05/2017

SDS Number 350000025088

NFPA Ratings

Health	1
Fire	0
Reactivity	0
Special	-

This information is being provided in accordance with Canada's Workplace Hazard Material Information System. The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

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)