

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# OFF!® BUG CONTROL (BACKYARD PRETREAT)

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000017168

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : OFF!® BUG CONTROL (BACKYARD PRETREAT)

**Recommended use** : Insecticide

**Manufacturer, importer, supplier** : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236

**Telephone** : +18005585252

**Emergency telephone number** : 24 Hour Medical Emergency Phone: (866)231-5406  
24 Hour International Emergency Phone: (703)527-3887  
24 Hour Transport Emergency Phone: (800)424-9300

## 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 swallowed.
Acute toxicity	Category 4	Harmful if inhaled.

### Labelling

#### Hazard symbols

Exclamation mark

#### Signal word

Warning

#### Hazard statements

Harmful if swallowed or if inhaled

#### Precautionary statements

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

Keep out of reach of children.

Read label before use.

Call a POISON CENTER or doctor/ physician if you feel unwell.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Rinse mouth.

Dispose of contents/ container to an approved incineration plant.

Avoid breathing spray.

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Wash hands thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.

**Other hazards** : None identified

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
.lambda.-cyhalothrin	91465-08-6	0.10 - 1.00

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](http://www.whatsinsidescjohnson.com).

### 4. FIRST AID MEASURES

- Eye contact** : No special requirements
- Skin contact** : No special requirements
- Inhalation** : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- Ingestion** : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

### 5. FIREFIGHTING MEASURES

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during firefighting** : Container may melt and leak in heat of fire. 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

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breathe fumes.

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### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear personal protective equipment.  
Wash thoroughly after handling.
- Environmental precautions** : Do not flush into surface water or sanitary sewer system.  
Use appropriate containment to avoid environmental contamination.  
Outside of normal use, avoid release to the environment.
- Methods and materials for containment and cleaning up** : Dike large spills.  
Clean residue from spill site.

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### 7. HANDLING AND STORAGE

- Handling**
- Precautions for safe handling** : Avoid contact with skin, eyes and clothing.  
Do not enter places where used or stored until adequately ventilated.  
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.  
Do not eat, drink or smoke when using this product.  
Wash thoroughly after handling.
- Advice on protection against fire and explosion** : Normal measures for preventive fire protection.
- Storage**
- Requirements for storage areas and containers** : Keep container closed when not in use.  
Keep away from food, drink and animal feedingstuffs.  
Keep in a dry, cool and well-ventilated place.

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### 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** : 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. Smoking, eating and drinking should be prohibited in the application area.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form** : liquid
- Color** : light yellow
- Odor** : strong  
unpleasant
- Odour Threshold** : No data available
- pH** : 6.5  
at (25 °C)
- Melting point/freezing point** : No data available
- Initial boiling point and boiling range** : No data available

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<b>Flash point</b>	: Not applicable
<b>Evaporation rate</b>	: No data available
<b>Flammability (solid, gas)</b>	:
<b>Upper/lower flammability or explosive limits</b>	: No data available
<b>Vapour pressure</b>	: No data available
<b>Vapour density</b>	: No data available
<b>Relative density</b>	: 1.00 g/cm <sup>3</sup> at 20 °C
<b>Solubility(ies)</b>	: soluble
<b>Partition coefficient: n-octanol/water</b>	: No data available
<b>Auto-ignition temperature</b>	: No data available
<b>Decomposition temperature</b>	:
<b>Viscosity, dynamic</b>	: not determined
<b>Viscosity, kinematic</b>	: < 100 mm <sup>2</sup> /s at 25 °C
<b>Oxidizing properties</b>	: No data available
<b>Volatile Organic Compounds</b>	: 0.8 % - additional exemptions may apply *as defined by US Federal and State Consumer Product

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**Total VOC (wt. %)\*** Regulations

**Other information** : None identified :

**10. STABILITY AND REACTIVITY**

**Possibility of hazardous reactions** : If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.

**Conditions to avoid** : Direct sources of heat.

**Incompatible materials** : Do not mix with bleach or any other household cleaners. Strong bases

**Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

**11. TOXICOLOGICAL INFORMATION**

**Emergency Overview** : Warning

**Acute oral toxicity** : LD50 Oral estimated 1,750 mg/kg

**Acute inhalation toxicity** : NA GHS LC50 (dust and mist) estimated > 2.05 mg/l

**Acute dermal toxicity** : LD50 Dermal estimated > 5,000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	Category 4	Oral
Acute toxicity	Category 4	Inhalation - Dust and Mist

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

**Aggravated Medical Condition** : None known.

## 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
.lambda.-cyhalothrin	LC50	Gambusia affinis (Mosquito fish)	0.00018 mg/l	24 h

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**Toxicity to aquatic invertebrates**

Components	End point	Species	Value	Exposure time
.lambda.-cyhalothrin	LC50	Ceriodaphnia dubia	0.00015 - 0.00055 mg/l	48 h

**Toxicity to aquatic plants**

Components	End point	Species	Value	Exposure time
.lambda.-cyhalothrin	No data available			

**Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
.lambda.-cyhalothrin	No data available		

**Bioaccumulative potential**

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
.lambda.-cyhalothrin	No data available	No data available

**Mobility**

Component	End point	Value
.lambda.-cyhalothrin	No data available	

**Other adverse effects** : Very toxic to aquatic organisms.  
Very toxic to bees.





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**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.

	<b>Land transport</b>	<b>Sea transport</b>	<b>Air transport</b>
<b>UN number</b>	3352	3352	3352
<b>UN proper shipping name</b>	UN 3352 Pyrethroid Pesticide, Liquid, Toxic 6.1, III, Ltd. Qty.	UN 3352 Pyrethroid Pesticide, Liquid, Toxic 6.1, III, Ltd. Qty.	UN 3352 Pyrethroid Pesticide, Liquid, Toxic 6.1, III, Ltd. Qty.
<b>Transport hazard class(es)</b>	6.1	6.1	6.1
<b>Packing group</b>	III	III	III
<b>Environmental hazards</b>	-	-	-
<b>Special precautions for user</b>	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.

**15. REGULATORY INFORMATION**

**FIFRA Labeling**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

Following is the hazard information as required on the pesticide label:

**CAUTION:**

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Harmful if swallowed.  
Causes moderate eye irritation.

This product is extremely toxic to fish.  
Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.  
This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds.

**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.

**California Prop. 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**Registration # / Agency**  
4-469-4822/US/EPA  
4822-599/US/EPA

**16. OTHER INFORMATION**

**HMIS Ratings**

<b>Health</b>	2
<b>Flammability</b>	0
<b>Reactivity</b>	0

**NFPA Ratings**

<b>Health</b>	2
<b>Fire</b>	0
<b>Reactivity</b>	0
<b>Special</b>	-

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

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**Further information**

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