1. PRODUCT AND COMPANY IDENTIFICATION

Product information
Trade name : OFF!® OUTDOOR FOGGER BACKYARD PRETREAT
Use of the Substance/Mixture : Insecticide
Company : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236
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

Emergency Overview
Appearance / Odor : white / aerosol / pleasant
Immediate Concerns : Caution
Avoid contact with skin, eyes and clothing.
Keep away from heat, sparks and flame.
Do not puncture or incinerate.
Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.
Contents under pressure.

Potential Health Effects
Exposure routes : Eye, Skin, Inhalation, Ingestion.
Eyes : May cause:
Mild eye irritation
Skin : May cause skin reactions in rare cases.
Prolonged or repeated contact may dry skin and cause irritation.
May cause transient tingling and reddening of the skin.
Inhalation : May cause nose, throat, and lung irritation.
Ingestion : May cause irritation to mouth, throat and stomach.
May cause abdominal discomfort.
Aggravated Medical : Persons with pre-existing skin disorders may be more
Material Safety Data Sheet
according to ANSI Z400.1-2004 and 29 CFR 1910.1200

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MSDS Number 350000017062
SITE_FORM Number 30000000000000012600.002

Condition susceptible to irritating effects. Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc. may be more susceptible to irritating effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by OSHA 29 CFR 1910.1200 or the Canadian Controlled Products Regulations are listed in this table:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butane</td>
<td>106-97-8</td>
<td>10.00 - 30.00</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>5.00 - 10.00</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1.00 - 5.00</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
<td>1.00 - 5.00</td>
</tr>
<tr>
<td>Prallethrin</td>
<td>23031-36-9</td>
<td>0.0001 - 0.10</td>
</tr>
<tr>
<td>Cyfluthrin</td>
<td>68359-37-5</td>
<td>0.0001 - 0.10</td>
</tr>
</tbody>
</table>

For additional information on product ingredients, see www.whatsinside.scjohnson.com.

4. FIRST AID MEASURES

Eye contact: Rinse with plenty of water. 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: Remove to fresh air. If breathing is affected, get medical attention.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. FIREFIGHTING MEASURES

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

Specific hazards during firefighting: Aerosol Product - Containers may rocket or explode in heat of fire. Do not allow run-off from fire fighting to enter drains or
Further information: Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

Flash point: 
-7 °C  
< 19.4 °F
Method: Tag Closed Cup (TCC)
Note: Propellant

Lower explosion limit: Note: no data available
Upper explosion limit: Note: no data available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Remove all sources of ignition. Wear personal protective equipment.

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 for cleaning up: If damage occurs to aerosol can:
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Use only non-sparking equipment. Clean residue from spill site.

7. HANDLING AND STORAGE

Handling
Advice on safe handling: Do not puncture or incinerate. Do not enter places where used or stored until adequately ventilated. Avoid breathing vapors, mist or gas. Do not spray toward face. Do not use in areas without adequate ventilation. Use only as directed.

KEEP OUT OF REACH OF CHILDREN AND PETS.
### Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

### Storage

- **Requirements for storage areas and containers**: Keep away from food, drink and animal feedingstuffs. Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst. Keep in a dry, cool and well-ventilated place.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>mg/m³</th>
<th>ppm</th>
<th>Non-standard units</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butane</td>
<td>106-97-8</td>
<td>-</td>
<td>1,000 ppm</td>
<td>-</td>
<td>ACGIH TWA</td>
</tr>
<tr>
<td>Butane</td>
<td>106-97-8</td>
<td>-</td>
<td>1,000 ppm</td>
<td>-</td>
<td>ACGIH TWA</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>-</td>
<td>1,000 ppm</td>
<td>-</td>
<td>ACGIH TWA</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1,800 mg/m³</td>
<td>1,000 ppm</td>
<td>-</td>
<td>OSHA TWA</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>-</td>
<td>1,000 ppm</td>
<td>-</td>
<td>ACGIH TWA</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
<td>1,200 mg/m³</td>
<td>152 ppm</td>
<td>-</td>
<td>SUPPLIER</td>
</tr>
</tbody>
</table>

#### Personal protective equipment

**Respiratory protection**

- **Industrial setting**: Use only with adequate ventilation. Do not spray in enclosed areas.
- **Household setting**: Use only with adequate ventilation.

**Hand protection**: No special requirements.

**Eye protection**
Material Safety Data Sheet
according to ANSI Z400.1- 2004 and 29 CFR 1910.1200

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Industrial setting : No special requirements.
Household setting : Avoid contact with eyes.

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 : aerosol
Color : white
Odor : pleasant
pH : 7.44
Boiling point : no data available
Freezing point : no data available
Flash point : < -7 °C
< 19.4 °F
Method: Tag Closed Cup (TCC)
Propellant
Evaporation rate : no data available
Flammability (solid, gas) : no data available
Lower explosion limit : no data available
Upper explosion limit : no data available
Vapour pressure : no data available
Density : 0.9953 g/cm³
Water solubility : soluble

Volatile Organic Compounds Total VOC (wt. %)* : 24 % - additional exemptions may apply
*as defined by US Federal and State Consumer Product Regulations
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 under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

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

Acute inhalation toxicity : LC50 estimated > 5.2 mg/l

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

Chronic effects
Carcinogenicity : None Anticipated
Mutagenicity : None Anticipated
Reproductive effects : None Anticipated
Teratogenicity : None Anticipated
Sensitisation : Substances is not a sensitizer.
12. ECOLOGICAL INFORMATION

Ecotoxicity effects: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

PESTICIDAL WASTE:
Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.
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:
  Proper shipping name: UN 1950 AEROSOLS, Flammable, 2.1
  Class: 2.1
  UN number: 1950
  Packaging group: None.
  Note: Limited quantities derogation may be applicable to this product, please check transport documents.

Sea transport

- IMDG:
  Proper shipping name: UN 1950 AEROSOLS, Flammable, 2.1
  Class: 2
  UN number: 1950
  Packaging group: None.
  EmS: F-D, S-U
  Note: Limited quantities derogation may be applicable to this product, please check transport documents.

Air transport

- ICAO/IATA:
  Proper shipping name: UN 1950 AEROSOLS, Flammable, 2.1
  Class: 2.1
  UN/ID No.: UN 1950
  Packaging group: None.
  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.

    California Prop. 65 : This product is not subject to the reporting requirements under California’s Proposition 65.

16. OTHER INFORMATION

    HMIS Ratings

    Health 1
    Flammability 4
    Reactivity 0

    NFPA Ratings

    Health 1
    Fire 4
    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.

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