1. PRODUCT AND COMPANY IDENTIFICATION

Product information
Trade name : GLADE® SENSE & SPRAY™ - CLEAN LINEN™
Use of the Substance/Preparation : Air Freshener
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 : clear / Mist / pleasant
Immediate Concerns : Caution
FLAMMABLE: CAUSES EYE IRRITATION. CONTENTS UNDER PRESSURE. Do not puncture or incinerate. Keep away from heat, sparks and flame. Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst. Avoid contact with skin, eyes and clothing.

Potential Health Effects
Routes of exposure : Eye, Skin, Inhalation, Ingestion.
Eyes : May cause: Moderate eye irritation
Skin : Prolonged or repeated contact may dry skin and cause irritation.
Inhalation : May cause nose, throat, and lung irritation. Inhalation may cause central nervous system effects.
Ingestion : May cause irritation to mouth, throat and stomach.
Aggravated Medical Condition : Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc. may be more susceptible to irritating effects
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>30.00 - 60.00</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>30.00 - 60.00</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>10.00 - 30.00</td>
</tr>
<tr>
<td>Fragrance Mixture</td>
<td>Mixture</td>
<td>5.00 - 10.00</td>
</tr>
</tbody>
</table>

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**: Remove to fresh air. If breathing is affected, get medical attention.
- **Ingestion**: Rinse mouth with water. If symptoms persist, call a physician or Poison Control Centre immediately.

5. FIRE-FIGHTING MEASURES

- **Suitable extinguishing media**: Alcohol foam, carbon dioxide, dry chemical, water fog
- **Specific hazards during fire fighting**: Aerosol Product - Containers may rocket or explode in heat of fire.
- **Further information**: Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers.
- **Flash point**: < -7 °C
- **Flash point**: < 20 °F
  - Method: Tag Closed Cup (TCC)
  - Note: Propellant
- **Lower explosion limit**: Note: no data available
- **Upper explosion limit**: Note: no data available
- **NFPA Classification**: NFPA Level 3 Aerosol
GLADE® SENSE & SPRAY™ - CLEAN LINEN™

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Remove all sources of ignition.
Methods for cleaning up: Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Flush away traces with water.

7. HANDLING AND STORAGE

Handling
Advice on safe handling: Use only as directed. KEEP OUT OF REACH OF CHILDREN AND PETS. Do not puncture or incinerate. Avoid contact with skin, eyes and clothing.

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. Do not freeze. Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.

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>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>-</td>
<td>1,000 ppm</td>
<td>ACGIH TWA</td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>1,900 mg/m3</td>
<td>1,000 ppm</td>
<td>OSHA TWA</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>-</td>
<td>1,000 ppm</td>
<td>ACGIH TWA</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>-</td>
<td>1,000 ppm</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>OSHA TWA</td>
</tr>
</tbody>
</table>

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.

**Hand protection**

**Industrial setting** : For prolonged or repeated contact use protective gloves.

**Household setting** : not required under normal use

**Eye protection**

**Industrial setting** : If prolonged or repeated contact is possible:
- Safety glasses with side-shields

**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** : Mist
- **Color** : clear
- **Odor** : pleasant
- **pH** : no data available
- **Boiling point** : not applicable
- **Freezing point** : not applicable
- **Flash point** : < -7 °C
- **Flash point** : < 20 °F
  - Method: Tag Closed Cup (TCC)
- **Propellant** : no data available
- **Evaporation rate** : no data available
- **Flammability (solid, gas)** : Sustains combustion
- **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 : negligible
Partition coefficient: n-octanol/water : no data available
Solubility in other solvents : not determined
Viscosity, dynamic : no data available
Specific Gravity : 0.68
Relative density : no data available
Percent volatile : no data available

10. STABILITY AND REACTIVITY

Conditions to avoid : Heat, flames and sparks.
Materials to avoid : Oxidizing agents
Hazardous decomposition products : When exposed to fire, produces normal products of combustion.
Hazardous reactions : Stable

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50
Dose: estimated > 3,000 mg/kg
Acute inhalation toxicity : LC50
Dose: > 2 mg/l
Acute dermal toxicity : LD50
Dose: estimated > 2,000 mg/kg

Chronic effects
Carcinogenicity : no data available
GLADE® SENSE & SPRAY™ - CLEAN LINEN™

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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 : Not 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 1950
  Proper shipping name AEROSOLS - flammable
  Class: 2.1
  Packaging group: None.
  Note: SC Johnson ships this product as Consumer Commodity ORM-D (non-bulk packages)

Sea transport
- **IMDG:**
  Class: 2
  Packaging group: None.
  Proper shipping name AEROSOLS - flammable
  UN-Number: 1950
  EmS: F - D, S - U
  Note: SC Johnson ships this product as "Limited Quantity" when the container quantity value is 1 Liter or less.
Air transport

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

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.

- 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.

16. OTHER INFORMATION

HMIS Ratings

| Health | 2 |

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### GLADE® SENSE & SPRAY™ - CLEAN LINEN™

**Version** 1.1  
**Print Date** 02/23/2009  
**Revision Date** 09/08/2008  
**MSDS Number** 350000004868

| Flammability | 4 |
| Reactivity   | 0 |

#### NFPA Ratings

| Health  | 2 |
| Fire    | 4 |
| Reactivity | 0 |

#### Further information

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