

## Material Safety Data Sheet

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



# GLADE® TOUGH ODOR SOLUTIONS AEROSOL - CLEAR SPRINGS®

Version 2.0

Print Date 03/03/2011

Revision Date 09/03/2010

MSDS Number 350000013834

SITE\_FORM Number

30000000000000010787.002

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

- Trade name : GLADE® TOUGH ODOR SOLUTIONS AEROSOL - CLEAR SPRINGS®
- Use of the Substance/Mixture : Air Freshener
- Company : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236
- Emergency telephone number : 24 Hour Transport & Medical Emergency Phone (866) 231-5406  
24 Hour International Emergency Phone (952) 852-4647

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

- Appearance / Odor : colourless / aerosol / pleasant

### Immediate Concerns

- : Caution  
Contents under pressure.  
Do not puncture or incinerate.  
Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.

### Potential Health Effects

- Exposure routes : Eye, Skin, Inhalation, Ingestion.
- Eyes : May cause:  
Mild eye irritation
- Skin : Prolonged or repeated contact may dry skin and cause irritation.
- Inhalation : Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.
- Ingestion : May cause abdominal discomfort.
- Aggravated Medical Condition : Persons with pre-existing skin disorders may be more susceptible to irritating effects.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain hazardous chemicals at or above a reportable level as defined by OSHA 29 CFR 1910.1200 or Canadian Controlled Products Regulations.

For additional information on product ingredients, see [www.whatsinsidescjohnson.com](http://www.whatsinsidescjohnson.com).

### 4. FIRST AID MEASURES

- |              |   |  |
|--------------|---|--|
| Eye contact  | : | Rinse with plenty of water. Get medical attention if irritation develops and persists. |
| Skin contact | : | Rinse with plenty of 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.  |

### 5. FIRE-FIGHTING MEASURES

- |                                       |   |   |
|---------------------------------------|---|---|
| Suitable extinguishing media          | : | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  |
| 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. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes. |
| Flash point                           | : | Note: not applicable  |
| Lower explosion limit                 | : | Note: no data available   |
| Upper explosion limit                 | : | Note: no data available   |

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## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Remove all sources of ignition.  
Wear personal protective equipment.
- Environmental precautions : 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.  
Avoid breathing vapors, mist or gas.  
Do not spray toward face.  
Do not use in areas without adequate ventilation.  
Note: Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. For more information visit [www.inhalant.org](http://www.inhalant.org).  
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 in a dry, cool and well-ventilated place.

## 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*

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Industrial setting : No personal respiratory protective equipment normally required.

Household setting : No special requirements.

**Hand protection** : No special requirements.

**Eye protection**

Industrial setting : No special requirements.

Household setting : 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 : aerosol

Color : colourless

Odor : pleasant

pH : 5.0

Boiling point : no data available

Freezing point : no data available

Flash point : not applicable

Evaporation rate : no data available

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

Autoignition temperature : no data available

Lower explosion limit : no data available

Upper explosion limit : no data available

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Vapour pressure	:	no data available
Density	:	0.99 g/cm <sup>3</sup> at 20 °C
Water solubility	:	no data available
Viscosity, dynamic	:	no data available
Volatile Organic Compounds (California Air Resource Board – CARB) Total VOC (wt. %)	:	0.2 % - does not include any applicable regulatory exemptions

#### 10. STABILITY AND REACTIVITY

Conditions to avoid	:	Direct sources of heat.
Materials to avoid	:	None known.
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 5.36 mg/l
Acute dermal toxicity	:	LD50 estimated > 5,000 mg/kg
<b>Chronic effects</b> Carcinogenicity	:	no data available
Mutagenicity	:	no data available

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Reproductive effects : no data available

Teratogenicity : no data available

Sensitisation : Substance is not a sensitizer.

#### 12. ECOLOGICAL INFORMATION

Ecotoxicity effects : no data available

#### 13. DISPOSAL CONSIDERATIONS

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, non-flammable, 2.2

Class: 2.2

UN number 1950

Packaging group: None.

Note: SC Johnson ships this product as Consumer Commodity ORM-D (non-bulk packages)

##### Sea transport

▪ **IMDG:**

Proper shipping name UN 1950 AEROSOLS, non-flammable, 2.2

Class: 2

UN number: 1950

Packaging group: None.

EmS: F-D, S-U

Note: SC Johnson ships this product as "Limited Quantity" when the container quantity value is 1 Liter or less.

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### Air transport

▪ ICAO/IATA:

Proper shipping name UN 1950 AEROSOLS, non-flammable, 2.2

Class: 2.2

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.

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 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	1
Flammability	0
Reactivity	0

#### NFPA Ratings

Health	1
Fire	0
Reactivity	0
Special	

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**Further information**

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