

# Material Safety Data Sheet

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



## GLADE® AUTOMATIC SPRAY REFILL BLOOMING PEONY & CHERRY™

Version 1.1

Print Date 03/22/2016

Revision Date 10/13/2014

MSDS Number 350000026694

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : GLADE® AUTOMATIC SPRAY REFILL BLOOMING PEONY & CHERRY™

Use of the Substance/Mixture : Air Freshener

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

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

#### Emergency Overview

Appearance / Odor : light yellow / aerosol / floral

#### Immediate Concerns

: Caution  
CAUSES EYE IRRITATION.  
Avoid contact with skin, eyes and clothing.  
Keep away from heat, sparks and flame.  
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 : Causes:  
Moderate eye irritation

Skin : May cause skin reactions in rare cases.  
Prolonged or repeated contact may dry skin and cause irritation.

Inhalation : May cause nose, throat, and lung irritation.  
Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.  
Inhalation may cause central nervous system effects.

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- Ingestion : May cause irritation to mouth, throat and stomach.  
May cause abdominal discomfort.  
Causes headache, drowsiness or other effects to the central nervous system.
- Aggravated Medical Condition : Persons with pre-existing skin disorders may be more 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:

Chemical Name	CAS-No.	Weight percent
Ethyl alcohol	64-17-5	30.00 - 60.00
Isobutane	75-28-5	30.00 - 60.00
Propane	74-98-6	5.00 - 10.00

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

### 4. FIRST AID MEASURES

- Eye contact : Remove contact lenses. Flush immediately with plenty of water for at least 15 to 20 minutes. 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 : 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.

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- Specific hazards during firefighting : Aerosol Product - Containers may rocket or explode in heat of fire. Burns with colourless flame.
- 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  
< 44.6 °F  
Method: Tag Closed Cup (TCC)  
Note: Propellant
- Flash point : 81 °C  
177.8 °F  
Method: Tag Closed Cup (TCC)  
Note: liquid
- Lower explosion limit : Note: Test not applicable for this product type
- Upper explosion limit : Note: Test not applicable for this product type

## 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 contact with skin, eyes and clothing.  
Avoid breathing vapours, mist or gas.  
For personal protection see section 8.  
Do not spray toward face.

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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 : 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

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Ethyl alcohol	64-17-5	-	1,000 ppm	-	ACGIH STEL
Isobutane	75-28-5	-	1,000 ppm	-	ACGIH STEL
Propane	74-98-6	-	1,000 ppm	-	ACGIH TWA

### Personal protective equipment

**Respiratory protection** : Use only with adequate ventilation.

**Hand protection** : No special requirements.

**Eye protection** : Safety glasses with side-shields

**Skin and body protection** : No special requirements.

**Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	aerosol
Color	:	light yellow
Odor	:	floral
pH	:	Test not applicable for this product type
Melting point	:	Test not applicable for this product type
Boiling point	:	Test not applicable for this product type
Freezing point	:	Test not applicable for this product type
Flash point	:	< 7 °C < 44.6 °F Method: Tag Closed Cup (TCC) Propellant
Flash point	:	81 °C 177.8 °F Method: Tag Closed Cup (TCC) liquid
Evaporation rate	:	Test not applicable for this product type
Flammability (solid, gas)	:	Sustains combustion
Auto-ignition temperature	:	not auto-flammable
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Lower explosion limit	:	Test not applicable for this product type
Upper explosion limit	:	Test not applicable for this product type
Vapour pressure	:	Test not applicable for this product type
Density	:	0.653 g/ml at 20 Cestimated
Water solubility	:	partly miscible
Partition coefficient: n-octanol/water	:	Test not applicable for this product type

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Viscosity, dynamic	:	Test not applicable for this product type
Viscosity, kinematic	:	Test not applicable for this product type
Relative vapour density	:	Test not applicable for this product type
Volatile Organic Compounds Total VOC (wt. %)*	:	99 % - 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	:	Strong oxidizing agents
Hazardous decomposition products	:	Thermal decomposition can lead to release of irritating gases and vapours.
Thermal decomposition	:	Note: Test not applicable for this product type
Hazardous reactions	:	Stable under recommended storage conditions.
Hazardous reactions	:	Stable under recommended storage conditions.

## 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	:	LD50 Calculated > 4,000 mg/kg
Acute inhalation toxicity	:	LC50 estimated > 5 mg/l
Acute dermal toxicity	:	LD50 estimated > 5,000 mg/kg

### Chronic effects

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Carcinogenicity	:	No data available
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** : 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.

RCRA waste class : D001 (Ignitable Waste)

## 14. TRANSPORT INFORMATION

### Land transport

▪ **U.S. DOT and Canadian TDG Surface Transportation:**

Proper shipping name      AEROSOLS, Flammable, 2.1  
Class:                              2.1  
UN number                      1950  
Packaging group:              None.

### Sea transport

▪ **IMDG:**

Proper shipping name      AEROSOLS, Flammable, 2.1  
Class:                              2  
UN number:                      1950  
Packaging group:              None.  
EmS:                                F-D, S-U

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### Air transport

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

### 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.

### 16. OTHER INFORMATION

#### HMIS Ratings

Health	2
Flammability	2
Reactivity	0

#### NFPA Ratings

Health	2
Fire	2
Reactivity	0
Special	-

This information is being provided in accordance with Occupational Safety and Health Administration (OSHA) and Canada's Workplace Hazard Material Information System (WHMIS) regulations. The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

Further information



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