

Material Safety Data Sheet

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



GLADE® AEROSOL SPRAY - POWDER FRESH®

Version 1.2

Print Date 06/22/2010

Revision Date 06/07/2010

MSDS Number 350000012325

SITE_FORM Number

30000000000000009830.001

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Trade name : GLADE® AEROSOL SPRAY - POWDER FRESH®

Use of the Substance/Mixture : 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 : yellow / aerosol / pleasant

Immediate Concerns

Caution
Contents under pressure. 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.

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 : None known.

Ingestion : None known.

Aggravated Medical Condition : None known.

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:

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Chemical Name	CAS-No.	Weight percent
Isobutane	75-28-5	10.00 - 30.00
Propane	74-98-6	5.00 - 10.00

For additional information on product ingredients, see www.whatsinsidescjohnson.com.

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 : Rinse with plenty of water.
- Inhalation : Remove to fresh air. If breathing is affected, get medical attention.
- Ingestion : Rinse mouth with water. Consult a physician if necessary.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Alcohol foam, carbon dioxide, dry chemical, water fog
- Further information : Aerosol Product - Containers may rocket or explode in heat of fire. Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers.
- Flash point : < 20 °F
Note: Propellant
- Flash point : < -7 °C
Note: Propellant
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available
- NFPA Classification : NFPA Level 1 Aerosol

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Remove all sources of ignition.

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Methods for cleaning up : Soak up with inert absorbent material.
Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE**Handling**

Advice on safe handling : KEEP OUT OF REACH OF CHILDREN AND PETS.
Do not puncture or incinerate.
Use only as directed.

Storage

Requirements for storage : Do not store at temperatures above 120 Deg. F (50 Deg C), as
areas and containers container may burst.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Occupational Exposure Limits**

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Isobutane	75-28-5	-	1,000 ppm	-	ACGIH TWA
Propane	74-98-6	1,800 mg/m3	1,000 ppm	-	OSHA TWA
Propane	74-98-6	-	1,000 ppm	-	ACGIH TWA

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 : not required under normal use

Household setting : not required under normal use

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Eye protection

Industrial setting : No special requirements.

Household setting : No special requirements.

Hygiene measures : Use only with adequate ventilation. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: aerosol
Color	: yellow
Odor	: pleasant
pH	: no data available
Melting point	: no data available
Boiling point	: no data available
Freezing point	: no data available
Flash point	: < 20 °F Propellant
Flash point	: < -7 °C Propellant
Evaporation rate	: no data available
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	: partly soluble
Partition coefficient: n-	:

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octanol/water

no data available

Volatile Organic Compounds : 24.7 % - does not include any applicable regulatory exemptions
(California Air Resource Board – CARB)
Total VOC (wt. %)

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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

Acute inhalation toxicity : LC50
estimated
> 5 mg/l

Acute dermal toxicity : LD50
estimated
> 2,000 mg/kg

Chronic effects

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive effects : no data available

Teratogenicity : no data available

Sensitisation : Not known to be a sensitizer.

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12. ECOLOGICAL INFORMATION

Ecotoxicity effects : no data 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: 2.1
Packaging group: None.
Proper shipping name Aerosols, Flammable
UN-Number: 1950

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.

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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

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 does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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	4
Reactivity	0

NFPA Ratings

Health	1
Fire	4
Reactivity	0
Special	

Further information

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