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



### **GLADE® AIR INFUSIONS - CLEAN LINEN**

Version 1. Print Date 02/23/2009

Revision Date 02/20/2009 MSDS Number 350000003683

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product information** 

Trade name : GLADE® AIR INFUSIONS - CLEAN LINEN

Use of the : Air Freshener

Substance/Preparation 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 : opaque / 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** 

Routes of exposure : 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

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	60.00 - 80.00
Isobutane	75-28-5	10.00 - 30.00
Propane	74-98-6	5.00 - 10.00
Propylene glycol	57-55-6	1.00 - 5.00

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### **GLADE® AIR INFUSIONS - CLEAN LINEN**

Version 1. Print Date 02/23/2009

Revision Date 02/20/2009 MSDS Number 350000003683

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

Method: Tag Closed Cup (TCC)

Note: Propellant

Flash point : > -7 °C

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 1 Aerosol

**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.

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Version 1. Print Date 02/23/2009

Revision Date 02/20/2009 MSDS Number 350000003683

#### 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 areas and containers

Requirements for storage : Do not store at temperatures above 120 Deg. F (50 Deg C), as

container may burst.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **Occupational Exposure Limits**

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

Eye protection

Industrial setting : No special requirements.

Household setting : No special requirements.

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

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Version 1. Print Date 02/23/2009

Revision Date 02/20/2009 MSDS Number 350000003683

handling. Wear suitable protective clothing.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : aerosol

Color : opaque

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

Method: Tag Closed Cup (TCC)

Propellant

Flash point : > -7 °C

Method: Tag Closed Cup (TCC)

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

Water solubility : completely soluble

Partition coefficient: n-

octanol/water no data available

Specific Gravity : no data available

### 10. STABILITY AND REACTIVITY

Conditions to avoid : Heat, flames and sparks.

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Revision Date 02/20/2009 MSDS Number 350000003683

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

Dose: Calculated > 5,000 mg/kg

Acute inhalation toxicity : LC50

Dose: > 5 mg/l

Acute dermal toxicity : LD50

Dose: Calculated > 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.

#### 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.

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### **GLADE® AIR INFUSIONS - CLEAN LINEN**

Version 1. Print Date 02/23/2009

Revision Date 02/20/2009 MSDS Number 350000003683

#### 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.

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.

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: 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	1
Flammability	4
Reactivity	0

#### **NFPA Ratings**

Health	1	
Fire	4	
Reactivity	0	
Special		
	v	

#### **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 &	
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