

## Safety Data Sheet

According to Australian CoP Preparation of Safety Data Sheets for  
Hazardous Chemicals, Feb 2016 and New Zealand HSNO CoP 8-1 09-06



### Glade Eliminates Odours Freshens the Air - Ocean Mist (aerosol)

Version 1.0

Print Date 31.03.2022

Revision Date 22.10.2019

SDS Number 350000037682

GEN\_SOF Number 67761

#### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product identifier</b>	: Glade Eliminates Odours Freshens the Air - Ocean Mist (aerosol)
<b>Other means of Identification</b>	: 350000037682
<b>Recommended use</b>	: Air Freshener
<b>Restrictions on use</b>	: Use only as directed on label
<b>Australia</b>	: S.C. Johnson & Son Pty. Ltd. ABN 71. 000 021 009 160 Epping Road, Lane Cove, N.S.W. 2066. Australia Telephone: +61 2 9428 9111
<b>New Zealand</b>	: S.C. Johnson & Son Pty. Ltd 79 Queen Street Auckland 1010 New Zealand Telephone: +64 9 573 2850
<b>Emergency telephone numbers</b>	: Australia: (8:30am – 17:30pm Mon-Thurs, 8:30am – 17:00pm Fri AEST) +61 2 9428 9111 New Zealand: (9:00am – 14:00pm Mon-Fri NZDT) +64 9 573 2850
<b>Poison Information Contacts</b>	: Australia: 13 11 26 New Zealand : 0800 764 766 or 0800 POISON

#### 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

##### Statement of Hazardous Nature (Australia)

**Globally Harmonized System (GHS) Classification**

Hazard classification	Hazard category	Hazards identification
Aerosol	Category 1	Extremely flammable aerosol.

\* Classification not adopted by Australia

^ Classification only triggered in Australia if 'Schedule 6 of WHS Regulations' met. Contact SCJ Consumer

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*Advice number listed on product label if required.*

#### **Statement of Hazardous Nature (New Zealand)**

**HSNO Classification (NZ):** : 2.1.2A

#### **Labelling - Australia \*\***

##### **Hazard symbols**



Flame

##### **Signal word**

Danger

##### **Hazard statements**

(H222) Extremely flammable aerosol.

(H229) Pressurized container: May burst if heated.

##### **Precautionary statements**

(P102) Keep out of reach of children.

(P410 + P412) Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

(P210) Keep away from heat/sparks/open flames/hot surfaces. No smoking.

(P211) Do not spray on an open flame or other ignition source.

(P251) Pressurized container: Do not pierce or burn, even after use.

**Other hazards** : None identified

**\*\*** The information supplied is designed for products predominately used in workplaces; whereas consumer product labels comply with the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) labelling requirements, under The Australian CoP Labelling of Workplace Hazardous Chemicals (March 2015).

#### **Labelling- New Zealand**

Refer Australian labelling above.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Butane	106-97-8	5.00 - 10.00
Propane	74-98-6	1.00 - 5.00
Alkyl dimethyl benzyl ammonium chloride	68424-85-1	0.00 - 0.10
Other non-hazardous ingredients	various	Balance to 100

### 4. FIRST AID MEASURES

#### Description of first aid measures

**Eye contact** : No special requirements

**Skin contact** : No special requirements

**Inhalation** : No special requirements.

**Ingestion** : No special requirements

#### Most important symptoms and effects, both acute and delayed

**Indication of any immediate medical attention and special treatment needed** : See Description of first aid measures unless otherwise stated.

### 5. FIREFIGHTING MEASURES

**Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Specific hazards arising from substance** : Aerosol Product - Containers may rocket or explode in heat of fire.

**Special protective equipment and** : Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed

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#### precautions for fire fighters

containers. Wear full protective clothing and positive pressure  
self-contained breathing apparatus. In case of fire and/or  
explosion do not breathe fumes.

## 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures Environmental precautions

- : Remove all sources of ignition.  
Wash thoroughly after handling.
- : Outside of normal use, avoid release to the environment.

#### Methods and materials for containment and 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.  
Dike large spills.  
Clean residue from spill site.

## 7. HANDLING AND STORAGE

#### Handling

#### Precautions for safe handling

- : Avoid contact with skin, eyes and clothing.  
For personal protection see section 8.  
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.**  
Pressurized container.  
Do not pierce or burn, even after use.

#### Advice on protection against fire and explosion

- : Keep away from sources of ignition - No smoking.  
Do not spray on an open flame or other ignition source.

#### Storage

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**Requirements for storage areas and containers** : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.  
Keep in a dry, cool and well-ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Butane	106-97-8	1,900 mg/m3	800 ppm	-	NZ_WELTWA

### Personal protective equipment

**Respiratory protection** : No special requirements.

**Hand protection** : No special requirements.

**Eye protection** : 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** : Marine/Ozone

**Odour Threshold** : Test not applicable for this product type

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**pH** : Test not applicable for this product type

**Melting point/freezing point** : Test not applicable for this product type

**Initial boiling point and boiling range** : Test not applicable for this product type

**Flash point** : < -7 °C  
< 19.4 °F  
Propellant

**Evaporation rate** : Test not applicable for this product type

**Flammability (solid, gas)** : Sustains combustion

**Upper/lower flammability or explosive limits** :

**Vapour pressure** : Test not applicable for this product type

**Vapour density** : Test not applicable for this product type

**Relative density** : 0.867 g/cm<sup>3</sup>

**Solubility(ies)** : slightly soluble

**Partition coefficient: n-octanol/water** : Test not applicable for this product type

**Auto-ignition temperature** : not auto-flammable

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**Decomposition temperature** : Hazardous decomposition products formed under fire conditions.

**Viscosity, dynamic** : Test not applicable for this product type

**Viscosity, kinematic** : Test not applicable for this product type

**Oxidizing properties** : Test not applicable for this product type

**Other information** : None identified :

#### 10. STABILITY AND REACTIVITY

**Reactivity** : No dangerous reaction known under conditions of normal use.

**Chemical stability** : No decomposition if stored normally.

**Possibility of hazardous reactions** : Stable under recommended storage conditions.

**Conditions to avoid** : Heat, flames and sparks.

**Incompatible materials** : Strong oxidizing agents  
None known.

**Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

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#### 11. TOXICOLOGICAL INFORMATION

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

**Acute inhalation toxicity** : LC50 > 5.1 mg/L

**Acute dermal toxicity** : LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin corrosion/irritation	No classification proposed	-
Serious eye damage/eye irritation	No classification proposed	-
Skin sensitisation <sup>^</sup>	No classification proposed	-
Respiratory sensitisation <sup>^</sup>	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single	No classification proposed	-

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exposure		
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

**Aggravated Medical Condition** : None known.

\* Classification not adopted by Australia

^ Classification only triggered in Australia if 'Schedule 6 of WHS Regulations' met. Contact SCJ Consumer Advice number listed on product label if required.

## 12. ECOLOGICAL INFORMATION

**Product** : The product itself has not been tested.

### Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

### Toxicity to fish

Components	End point	Species	Value	Exposure time
Butane	LC50 QSAR	Fish	27.98 mg/l	96 h
Propane	LC50	Fish	27.98 mg/l	96 h
Alkyl dimethyl benzyl ammonium chloride	LC50 Measured NOEC	Pimephales promelas (fathead minnow)	0.28 mg/l	96 h
		Pimephales promelas (fathead minnow)	0.03 mg/l	34 d

### Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
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Butane	No data available			
Propane	LC50	Daphnid	14.22 mg/l	48 h
Alkyl dimethyl benzyl ammonium chloride	EC50	Daphnia magna (Water flea)	0.016 mg/l	48 h
	NOEC	Daphnia magna	0.0042 mg/l	21 d

#### Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Butane	EC50 QSAR	Green algae	7.71 mg/l	96 h
Propane	No data available			
Alkyl dimethyl benzyl ammonium chloride	EC50	Selenastrum capricornutum, Skeletonema costatum	0.026 mg/l	72 h

#### Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Butane	100 %	385.5 h	Readily biodegradable.
Propane	70 %	< 10 d	Readily biodegradable.
Alkyl dimethyl benzyl ammonium chloride	95.5 %	28 d	Readily biodegradable.

#### Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Butane	No data available	2.89

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Propane	No data available	2.36
Alkyl dimethyl benzyl ammonium chloride	79 Measured	3.91

#### Mobility

Component	End point	Value
Butane	No data available	
Propane	No data available	
Alkyl dimethyl benzyl ammonium chloride	No data available	

#### PBT and vPvB assessment

Component	Results
Butane	Not fulfilling PBT and vPvB criteria
Propane	Not fulfilling PBT and vPvB criteria
Alkyl dimethyl benzyl ammonium chloride	Not fulfilling PBT and vPvB criteria

**Other adverse effects** : None known.

### 13. DISPOSAL CONSIDERATIONS

Safe handling and disposal methods : Consumer may discard empty container in trash, or recycle where facilities exist.

Disposal of any contaminated packaging : Do not re-use empty containers.

### 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

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	Land transport §	Sea transport	Air transport
UN number	1950	1950	1950
UN proper shipping name	AEROSOLS, Flammable	AEROSOLS, Flammable	AEROSOLS, Flammable
Transport hazard class(es)	2.1	2	2.1
Packing group	-	-	-
Environmental hazards	-	-	-
Special precautions for user	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

§ **Land transport:** Classification based on UN Recommendations on the Transport of Dangerous Goods. Local regulations under the Australian Dangerous Goods Code (ADG) and/or the New Zealand Land Transport Rule Dangerous Goods should be applied prior to transportation of goods.

#### 15. REGULATORY INFORMATION

Poisons Schedule : NOT SCHEDULED  
(Australia):

HSNO Classification (NZ): : 2.1.2A

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**HSNO Approval Number (NZ):** : Aerosols (Flammable) Group Standard 2017 -  
HSR002515

#### 16. OTHER INFORMATION

Revision Date: 22.10.2019

##### Key abbreviations or acronyms used

ADG: The Australian Code for the Transport of Dangerous Goods by Road and Rail

NZ LTR: The New Zealand Land Transport Rule: Dangerous Goods 2005

HSNO: Hazardous Substances and New Organisms Act 1996 (New Zealand)

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons (Australia)

##### Further information

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