

# SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006)



## GLADE Sense & Spray - Clean Linen

Version 1.1  
Revision Date 26.02.2010

Print Date 02.03.2010  
MSDS Number 350000013919

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product information

Product name : GLADE Sense & Spray - Clean Linen

Use of the Substance/Mixture : Air Freshener

Company : SC Johnson Ltd.  
Frimley Green  
Camberley  
Surrey  
GU16 7AJ

Telephone : +441276852000

E-mail address : ask.uk@scj.com

Emergency telephone : Consumer Care Center  
UK - 0800 353 353  
Ireland - 1800 409 176

### 2. HAZARDS IDENTIFICATION

#### Risk advice to man and the environment

Extremely flammable. Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.

Eyes : May irritate eyes.  
No adverse effects expected when used as directed.

Skin effect : May irritate skin.  
No adverse effects expected when used as directed.

Inhalation : Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.  
No adverse effects expected when used as directed.

Ingestion : May cause abdominal discomfort.  
No adverse effects expected when used as directed.

Potential environmental effects : Harmful to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

Chemical Name	CAS-No. EINECS-No.	Symbol(s)	R-phrased(s)	Weight percent
Ethanol	64-17-5	F	R11	>= 30.00 - < 40.00

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	200-578-6			
Propane	74-98-6 200-827-9	F+	R12	>= 20.00 - < 30.00
Butane	106-97-8 203-448-7	F+	R12	>= 10.00 - < 20.00
Isobutane	75-28-5 200-857-2	F+	R12	>= 10.00 - < 20.00
4-tert-butylcyclohexyl acetate	32210-23-4 250-954-9	N	R51/53	>= 1.00 - < 2.50
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	1222-05-5 214-946-9	N	R50/53	>= 1.00 - < 2.50
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	54464-57-2 259-174-3	N	R51/53	>= 0.50 - < 1.00
hexyl salicylate	6259-76-3 228-408-6	N, Xi	R38 R50/53 R43	>= 0.25 - < 0.50
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	17511-60-3 241-514-7	N	R51/53	>= 0.00 - < 0.50
Ionone, methyl-	1335-46-2 215-635-0	N	R51/53	>= 0.00 - < 0.50
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	21145-77-7 244-240-6	Xn, N	R22 R50/53	>= 0.00 - < 0.25
(Z)-3-hexenyl salicylate	65405-77-8 265-745-8	N	R51/53	>= 0.00 - < 0.50

### 4. FIRST AID MEASURES

- Inhalation : Move to fresh air.  
If breathing is affected, get medical attention.
- Skin contact : Rinse with plenty of water.  
Get medical attention if irritation develops and persists.
- Eye contact : Rinse with plenty of water.  
Get medical attention if irritation develops and persists.
- Ingestion : Do NOT induce vomiting.  
Rinse mouth with water.  
If symptoms persist, call a physician.

### 5. FIRE-FIGHTING MEASURES

- Specific hazards during fire fighting : Exposure to decomposition products may be a hazard to health.  
In case of fire and/or explosion do not breathe fumes.  
Heating may cause an explosion.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.  
Wear suitable protective clothing and gloves.

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Further information : Refer to current EN or National standard as appropriate.  
: Use water spray to cool unopened containers.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Use personal protective equipment.  
Remove all sources of ignition.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for cleaning up : If damage occurs to aerosol can:  
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

### 7. HANDLING AND STORAGE

#### Handling

Advice on safe handling : Do not breathe vapours or spray mist.  
For personal protection see section 8.  
Do not smoke.  
Take precautionary measures against static discharges.  
Do not puncture.  
Do not use in areas without adequate ventilation.

Advice on protection against fire and explosion : Use explosion-proof equipment.  
Do not spray on a naked flame or any other incandescent material.  
Take measures to prevent the build up of electrostatic charge.  
Keep away from heat and sources of ignition.

#### Storage

Storage conditions : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.  
No smoking.

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Store in cool place.  
Keep out of the reach of children.

Storage stability : No decomposition if stored and applied as directed.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	mg/m <sup>3</sup>	ppm	Form of exposure	List
Ethanol	64-17-5	5,760 mg/m <sup>3</sup>	3,000 ppm		UK_WELSTEL
		1,920 mg/m <sup>3</sup>	1,000 ppm		UK_WELTWAS
Butane	106-97-8	1,810 mg/m <sup>3</sup>	750 ppm		UK_WELSTEL
		1,450 mg/m <sup>3</sup>	600 ppm		UK_WELTWAS

#### Personal protective equipment

- Hand protection : Wear suitable gloves.  
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.  
Before removing gloves clean them with soap and water.
- Eye protection : No special requirements.
- Skin and body protection : Wash contaminated clothing before re-use.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
Wash hands before breaks and at the end of workday.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Appearance

- Form : aerosol
- Colour : colourless
- Odour : characteristic

#### Safety data

- pH : no data available
- Flash point : <= -6 °C

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Propellant

Flammability (solid, gas)	: Sustains combustion
Vapour pressure	: no data available
Water solubility	: negligible
Viscosity, dynamic	: no data available
Viscosity, kinematic	: no data available

### 10. STABILITY AND REACTIVITY

Conditions to avoid	: Heat, flames and sparks.
Materials to avoid	: None.
Hazardous decomposition products	: Stable under normal conditions.
Hazardous reactions	: None known.

### 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	: LD50 estimated > 2,000 mg/kg May cause abdominal discomfort.
Acute inhalation toxicity	: Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. Excessive exposure to spray mist, fog or vapour may cause respiratory irritation.
Acute dermal toxicity	: LD50 estimated > 2,000 mg/kg No adverse effects expected when used as directed.
Skin irritation	: May cause skin irritation in susceptible persons.
Eye irritation	: May irritate eyes.

### 12. ECOLOGICAL INFORMATION

#### Further information on ecology

Additional ecological information	: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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### 13. DISPOSAL CONSIDERATIONS

- Product : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Disposal should be in accordance with local, state or national legislation.  
Please recycle empty packaging.
- Contaminated packaging : Do not re-use empty containers.

### 14. TRANSPORT INFORMATION

#### Land transport

▪ *ADR:*

UN-Number 1950  
Class 2  
ADR/RID-Labels 2.1  
Packaging group  
Proper shipping name Aerosols, Flammable  
Derogation Limited quantities derogation may be applicable to this product, please check transport documents.

#### Sea transport

▪ *IMDG:*

UN-Number 1950  
Class 2.1  
Packaging group  
ADR/RID-Labels: 2.1  
Proper shipping name Aerosols, Flammable  
EmS F - D, S - U  
Marine pollutant  
Derogation Limited quantities derogation may be applicable to this product, please check transport documents.

### 15. REGULATORY INFORMATION

#### Labelling according to EC Directives

- Symbol(s) : F+ Extremely flammable
- R-phrase(s) : R12 Extremely flammable.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- S-phrase(s) : S2 Keep out of the reach of children.

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S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe spray.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51	Use only in well-ventilated areas.

Special labelling of certain mixtures : Caution  
Use only as directed.  
Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.  
Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.  
People suffering from perfume sensitivity should be cautious when using this product.  
Air fresheners do not replace good hygiene practices.

: The product is classified and labelled in accordance with Directive 1999/45/EC.

Sensitising components : hexyl salicylate,  
  
May produce an allergic reaction.

Notification status : All components are included on all applicable EU inventories.

## 16. OTHER INFORMATION

### Further information

Full text of R-phrases referred to under sections 2 and 3

R11	Highly flammable.
R12	Extremely flammable.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R38	Irritating to skin.
R43	May cause sensitization by skin contact.
R22	Harmful if swallowed.

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.