

SAFETY DATA SHEET

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



GLADE Discreet - Clean Linen

Version 3.1
Revision Date 30.08.2011

Print Date 31.08.2011
Specification Number: 350000003760
SITE FORM Number:
30000000000000003096.003

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

Product information

Product identifier : GLADE Discreet - Clean Linen

Relevant identified uses of the substance or mixture and uses advised against : Air Freshener

Details of the supplier of the safety data sheet : SC Johnson Ltd.
Frimley Green
Camberley
Surrey
GU16 7AJ

Telephone : +441276852000

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

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

2. HAZARDS IDENTIFICATION

Label elements

R-phrases(s) : R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s) : S 2 Keep out of the reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of soap and water.
S46 If swallowed, seek medical advice immediately and show this container or label.

Additional Labelling : Use only as directed.
Keep out of the reach of pets.
Do not pierce the membrane.
Do not place on finished wooden surfaces.
Do not allow materials of any kind to cover the device while it is in use.
The device may become slightly warm while in use.
Do not touch device with metal instruments or wet hands.
People suffering from perfume sensitivity should be cautious when using this product.
Air fresheners do not replace good hygiene practices.

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Sensitising components : isocyclocitral,
3-(4-tert-butylphenyl)propionaldehyde,
Citral,
d-limonene,
2,4-dimethylcyclohex-3-ene-1-carbaldehyde,
Mentha Viridis (Spearmint) Oil,
Methoxy dicyclopentadiene carboxaldehyde,

May produce an allergic reaction.

Other hazards : None identified

See section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	EC No.	Reg. No.	CAS-No.	Symbol(s)	R-phrases(s)	Weight percent
hexyl acetate	205-572-7	-	142-92-7	N	R10 R51/53	>= 5.00 - < 10.00
2,6-dimethyloct-7-en-2-ol	242-362-4	-	18479-58-8	Xi	R36 R38	>= 1.00 - < 5.00
2-tert-butylcyclohexyl acetate	201-828-7	-	88-41-5	N	R51/53	>= 1.00 - < 2.50
decanal	203-957-4	-	112-31-2	Xi	R38 R52/53	>= 1.00 - < 5.00
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	268-264-1	-	68039-49-6	Xi	R36 R38 R43 R52/53	>= 0.50 - < 1.00
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	272-805-7	-	68912-13-0	N	R51/53	>= 0.50 - < 1.00
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	241-514-7	-	17511-60-3	N	R51/53	>= 0.50 - < 1.00
Citral	226-394-6	-	5392-40-5	Xi	R38 R43	>= 0.50 - < 1.00
diphenyl ether	202-981-2	-	101-84-8	N	R51/53	>= 0.50 - < 1.00
dodecanal	203-983-6	-	112-54-9	N, Xi	R38 R51/53	>= 0.00 - < 0.50
isocyclocitral	215-638-7	-	1335-66-6	Xi	R43 R36 R52/53	>= 0.10 - < 0.50
2-heptylcyclopentanone	205-273-1	-	137-03-1	N	R51/53 R66	>= 0.00 - < 0.50
methyl 2-naphthyl ether	202-213-6	-	93-04-9	N	R51/53	>= 0.00 - < 0.50
Ionone, methyl-	215-635-0	-	1335-46-2	N	R51/53	>= 0.00 - < 0.50
d-limonene	227-813-5	-	5989-27-5	Xi, N	R10 R38 R43 R50/53	>= 0.25 - < 0.50
β-methyl-3-(1-	412-050-4	-	125109-85-5	N	R51/53	>= 0.00 - <

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methylethyl)benzenepropanal						0.50
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	248-908-8	-	28219-61-6	N, Xi	R38 R50/53	>= 0.00 - < 0.25
3-(4-tert-butylphenyl)propionaldehyde	242-016-2	-	18127-01-0	N, Xn	R22 R43 R51/53 R62	>= 0.10 - < 0.50
undec-10-enal	203-973-1	-	112-45-8	N, Xi	R51/53 R38	>= 0.00 - < 0.50
Methoxy dicyclopentadiene carboxaldehyde	429-860-9	-	86803-90-9	Xi, N	R43 R36 R51/53	>= 0.10 - < 0.50
Karanal	413-720-9	-	117933-89-8	N, Xn	R50/53 R48/22	>= 0.00 - < 0.25
Mentha Viridis (Spearmint) Oil	283-656-2	-	8008-79-5	Xn, N	R65 R38 R43 R51/53	>= 0.10 - < 0.50

WEL substance						
silicon dioxide	231-545-4	-	7631-86-9			>= 1.00 - < 5.00
bornan-2-one	200-945-0	-	76-22-2	Xn, F	R20 R11 R68/22	>= 0.50 - < 1.00

4. FIRST AID MEASURES

Description of first aid measures

- Inhalation : No special requirements
- 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 : If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed

- Eyes : May irritate eyes.
No adverse effects expected when used as directed.
- Skin effect : May cause skin irritation.
No adverse effects expected when used as directed.
- Inhalation : 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.

Indication of any immediate medical attention and special treatment

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See Description of first aid measures unless otherwise stated.

5. FIREFIGHTING MEASURES

Extinguishing media

- | | | |
|---|---|---|
| Suitable | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable | : | None identified |
| Special hazards arising from the substance or mixture | : | Exposure to decomposition products may be a hazard to health.
In case of fire and/or explosion do not breathe fumes. |
| Advice for firefighters | : | In the event of fire, wear self-contained breathing apparatus.
Wear suitable protective clothing and gloves.
Refer to current EN or National standard as appropriate. |
| Further information | : | 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. |
| 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.
Use appropriate containment to avoid environmental contamination. |
| Methods and materials for containment and cleaning up | : | Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Clean residue from spill site.
Keep in suitable, closed containers for disposal. |

7. HANDLING AND STORAGE

Handling

- | | | |
|-------------------------------|---|---|
| Precautions for safe handling | : | For personal protection see section 8.
Normal measures for preventive fire protection. |
|-------------------------------|---|---|

Storage

- | | | |
|------------------------------|---|------------------------------------|
| Conditions for safe storage, | : | Keep out of the reach of children. |
|------------------------------|---|------------------------------------|

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including any
incompatibilities

Do not freeze.
No decomposition if stored and applied as directed.

Specific end uses : Air Freshener

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
silicon dioxide	7631-86-9	6 mg/m3		inhalable dust	UK_WELTWAS
		2.4 mg/m3		respirable dust	UK_WELTWAS
		18 mg/m3		inhalable dust	UK_WELSTEL
		7.2 mg/m3		respirable dust	UK_WELSTEL
bornan-2-one	76-22-2	19 mg/m3	3 ppm		UK_WELSTEL
		13 mg/m3	2 ppm		UK_WELTWAS
diphenyl ether	101-84-8	7.1 mg/m3	1 ppm	vapour	UK_WELTWAS
		21.3 mg/m3	3 ppm	vapour	UK_WELSTEL

Exposure controls

Respiratory protection : No personal respiratory protective equipment normally required.

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

Information on basic physical and chemical properties

Appearance : gel

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Colour	: blue
Odour	: characteristic
Odour Threshold	: no data available
pH	: no data available
Melting point/freezing point	: no data available
Initial boiling point and boiling range	: no data available
Flash point	: 70.5 °C Method: ASTM D 93
Evaporation rate	: no data available
Flammability (solid, gas)	: The product is not flammable.
Upper/lower flammability or explosive limits	: no data available
Vapour pressure	: no data available
Vapour density	: no data available
Relative density	: 0.865 - 0.875 g/cm3
Solubility(ies)	: no data available
Partition coefficient: n-octanol/water	: no data available
Autoignition temperature	: no data available
Decomposition temperature	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: no data available
Explosive properties	: no data available
Oxidizing properties	: no data available

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions	: None known.
Conditions to avoid	: Extremes of temperature and direct sunlight.

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Incompatible materials : None.

Hazardous decomposition products : No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute oral toxicity : LD50
estimated > 2 g/kg
May cause abdominal discomfort.
Based on available data, the classification criteria are not met.

Acute inhalation toxicity : No adverse effects expected when used as directed.
Based on available data, the classification criteria are not met.

Acute dermal toxicity : LD50
estimated > 2 g/kg
No adverse effects expected when used as directed.
Based on available data, the classification criteria are not met.

Skin corrosion/irritation : May cause skin irritation in susceptible persons.
Based on available data, the classification criteria are not met.

Eye damage/irritation : May irritate eyes.
Based on available data, the classification criteria are not met.

Sensitisation : Based on available data, the classification criteria are not met.

Repeated dose toxicity : Based on available data, the classification criteria are not met.

Carcinogenicity : Based on available data, the classification criteria are not met.

Mutagenicity : Based on available data, the classification criteria are not met.

Toxicity for reproduction : Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

Toxicity : Harmful to aquatic organisms.

Persistence and degradability : May cause long-term adverse effects in the aquatic environment.

Bioaccumulative potential : Based on available data, the classification criteria are not met.

Mobility in soil : Based on available data, the classification criteria are not met.

PBT and vPvB assessment : Based on available data, the classification criteria are not met.

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Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods : Do not dispose of waste into sewer.
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.
Do not re-use empty containers.

14. TRANSPORT INFORMATION

Land transport

▪ ADR:
Not classified as dangerous in the meaning of transport regulations.

Sea transport

▪ IMDG:
Not classified as dangerous in the meaning of transport regulations.

Air transport

▪ ICAO/IATA:
Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture : The product is classified and labelled in accordance with Directive 1999/45/EC.

16. OTHER INFORMATION

If applicable, revision(s) are noted by the bold bars || in left-hand margin.

Further information

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

R10	Flammable.
R11	Highly flammable.
R20	Harmful by inhalation.
R22	Harmful if swallowed.
R36	Irritating to eyes.

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R38	Irritating to skin.
R43	May cause sensitization by skin contact.
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R68/22	Harmful: possible risk of irreversible effects if swallowed.

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.