

SAFETY DATA SHEET

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



GLADE Discreet - Clean Linen

Version 2.0
Revision Date 26.10.2010

Print Date 17.11.2010
MSDS Number 350000003760

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

Product information

Product name : GLADE Discreet - 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 number : Consumer Care Center
UK - 0800 353 353
Ireland - 1800 409 176

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

May cause sensitization by skin contact.

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

Skin effect : May cause allergic skin reaction.
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 : Toxic 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
Naphtha (petroleum), hydrotreated heavy	64742-48-9 265-150-3	Xn	R65 R66 R10	>= 5.00 - < 10.00
hexyl acetate	142-92-7	N	R10 R51/53	>= 5.00 - < 10.00

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	205-572-7			
d-limonene	5989-27-5 227-813-5	Xi, N	R10 R38 R43 R50/53	>= 2.50 - < 5.00
2,6-dimethyloct-7-en-2-ol	18479-58-8 242-362-4	Xi	R36 R38	>= 1.00 - < 5.00
silicon dioxide	7631-86-9 231-545-4			>= 1.00 - < 5.00
3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate	5413-60-5 226-501-6		R52/53	>= 1.00 - < 5.00
2-tert-butylcyclohexyl acetate	88-41-5 201-828-7	N	R51/53	>= 1.00 - < 2.50
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	17511-60-3 241-514-7	N	R51/53	>= 1.00 - < 2.50
(2-methoxymethylethoxy)propanol	34590-94-8 252-104-2			>= 1.00 - < 5.00
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6 268-264-1	Xi	R36 R38 R43 R52/53	>= 0.50 - < 1.00
bornan-2-one	76-22-2 200-945-0	Xn, F	R20 R11 R68/22	>= 0.50 - < 1.00
Citral	5392-40-5 226-394-6	Xi	R38 R43	>= 0.50 - < 1.00
diphenyl ether	101-84-8 202-981-2	N	R51/53	>= 0.00 - < 0.50
dodecanal	112-54-9 203-983-6	N, Xi	R38 R51/53	>= 0.00 - < 0.50
2-heptylcyclopentanone	137-03-1 205-273-1	N	R51/53 R66	>= 0.00 - < 0.50
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	28219-61-6 248-908-8	N, Xi	R38 R50/53	>= 0.25 - < 0.50
Ionone, methyl-	1335-46-2 215-635-0	N	R51/53	>= 0.00 - < 0.50
methyl 2-naphthyl ether	93-04-9 202-213-6	N	R51/53	>= 0.00 - < 0.50
isocyclocitral	1335-66-6 215-638-7	Xi	R43 R36 R52/53	>= 0.00 - < 0.50
3-(4-tert-butylphenyl)propionaldehyde	18127-01-0 242-016-2	N, Xn	R22 R43 R51/53 R62	>= 0.00 - < 0.50
β -methyl-3-(1-methylethyl)benzenepropanal	125109-85-5	N	R51/53	>= 0.00 - < 0.50
Methoxy dicyclopentadiene carboxaldehyde	86803-90-9	Xi, N	R43 R36 R51/53	>= 0.00 - < 0.50
undec-10-enal	112-45-8 203-973-1	N, Xi	R51/53 R38	>= 0.00 - < 0.50
pin-2(10)-ene	127-91-3 204-872-5	Xn, N	R10 R65 R50/53 R43	>= 0.00 - < 0.25

4. FIRST AID MEASURES

- Inhalation : No special requirements
- Skin contact : Take off all contaminated clothing immediately.
Wash off with soap and plenty of water.

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- Get medical attention if irritation develops and persists.
Wash contaminated clothing before re-use.
- Eye contact : Rinse with plenty of water.
Get medical attention if irritation develops and persists.
- Ingestion : If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- 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.
- Special protective equipment for fire-fighters : Wear suitable protective clothing and gloves.
Refer to current EN or National standard as appropriate.
In the event of fire, wear self-contained breathing apparatus.
- 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 : Do not flush into surface water or sanitary sewer system.
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 : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
- Advice on protection : Normal measures for preventive fire protection.

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against fire and explosion

Storage

Storage conditions : 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 ³	ppm	Form of exposure	List
silicon dioxide	7631-86-9	18 mg/m ³		inhalable dust	UK_WELSTEL
		7.2 mg/m ³		respirable dust	UK_WELSTEL
		6 mg/m ³		inhalable dust	UK_WELTWAS
		2.4 mg/m ³		respirable dust	UK_WELTWAS
(2-methoxymethylethoxy)propanol	34590-94-8	308 mg/m ³	50 ppm		EUOEL_TWAS
		924 mg/m ³	150 ppm		UK_WELSTEL
		308 mg/m ³	50 ppm		UK_WELTWAS
bornan-2-one	76-22-2	19 mg/m ³	3 ppm		UK_WELSTEL
		13 mg/m ³	2 ppm		UK_WELTWAS
diphenyl ether	101-84-8	21.3 mg/m ³	3 ppm	vapour	UK_WELSTEL
		7.1 mg/m ³	1 ppm	vapour	UK_WELTWAS

Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

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.

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Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : gel
Colour : blue
Odour : characteristic

Safety data

pH : not applicable
Flash point : 71 °C
Flammability (solid, gas) : Does not sustain combustion.
Density : 0.87 g/cm³
Water solubility : negligible
Viscosity, kinematic : 600 - 1,000 mm²/s

10. STABILITY AND REACTIVITY

Conditions to avoid : not applicable
Materials to avoid : None.
Hazardous decomposition products : Stable under normal conditions.
Hazardous reactions : None known.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50
estimated > 2 g/kg
May cause abdominal discomfort.
Acute inhalation toxicity : No adverse effects expected when used as directed.
Acute dermal toxicity : LD50
estimated > 2 g/kg

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No adverse effects expected when used as directed.

- Skin irritation : May cause skin irritation in susceptible persons.
- Eye irritation : May irritate eyes.
- Sensitisation : May cause sensitization of susceptible persons by skin contact.

12. ECOLOGICAL INFORMATION

Further information on ecology

- Additional ecological information : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 3082
 - Class 9
 - ADR/RID-Labels 9
 - Packaging group III
 - Proper shipping name UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (d-LIMONENE), 9,III
- Derogation Limited quantities derogation may be applicable to this product, please check transport documents.

Sea transport

- IMDG:
 - UN number 3082
 - Class 9
 - ADR/RID-Labels 9
 - Packaging group III
 - Proper shipping name UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (d-LIMONENE), 9,III
- EmS F-A, S-F
- Derogation Limited quantities derogation may be applicable to this product,

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please check transport documents.

Air transport

▪ ICAO/IATA:

UN number 3082
Class 9
Danger label number 9
Packaging group III
Proper shipping name UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (d-LIMONENE), 9,III
Derogation Limited quantities derogation may be applicable to this product, please check transport documents.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Hazardous components which must be listed on the label:

Chemical Name	CAS-No.	Weight percent
d-limonene	5989-27-5	3.0368

Symbol(s) : Xi Irritant
N Dangerous for the environment

R-phrase(s) : R43 May cause sensitization by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s) : S 2 Keep out of the reach of children.
S24 Avoid contact with skin.
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 water.
S37 Wear suitable gloves.
S46 If swallowed, seek medical advice immediately and show this container or label.
S29 Do not empty into drains.

Special labelling of certain mixtures : Use only as directed.
Do not pierce the membrane.
Do not place on finished wooden surfaces.
People suffering from perfume sensitivity should be cautious when using this product.
Air fresheners do not replace good hygiene practices.

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

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

R10	Flammable.
R11	Highly flammable.
R20	Harmful by inhalation.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R38	Irritating to skin.
R43	May cause sensitization by skin contact.
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.