

SAFETY DATA SHEET

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



GLADE Touch & Fresh - Clean Linen

Version 2.
Revision Date 16.10.2008

Print Date 23.10.2008
MSDS Number 350000007913

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

Product information

Product name : GLADE Touch & Fresh - Clean Linen

Use of the
Substance/Preparation : 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-phrases(s)	Weight %
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Ethanol	64-17-5 200-578-6	F	R11	>= 30.00 - < 40.00
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	>= 0.50 - < 1.00
d-limonene	5989-27-5 227-813-5	Xi, N	R10 R38 R43 R50/53	>= 0.50 - < 1.00
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	>= 0.50 - < 1.00
alpha-hexylcinnamaldehyde	101-86-0 202-983-3	Xi	R43	>= 0.50 - < 1.00
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	>= 0.00 - < 0.50
hexyl salicylate	6259-76-3 228-408-6	N, Xi	R38 R50/53	>= 0.00 - < 0.25
2-(4-tert-butylbenzyl)propionaldehyde	80-54-6 201-289-8	Xn, N	R22 R43 R51/53	>= 0.00 - < 0.50
2-benzylideneheptanal	122-40-7 204-541-5	Xi, N	R43 R51/53	>= 0.00 - < 0.50
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	68912-13-0 272-805-7	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

- 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.

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- In case of fire and/or explosion do not breathe fumes.
Heating may cause an explosion.
- Special protective equipment for fire-fighters : Wear suitable protective clothing and gloves.
In the event of fire, wear self-contained breathing apparatus.
Refer to current EN or National standard as appropriate.
- Further information : 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 use in areas without adequate ventilation.
Do not puncture.
- 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

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- 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.
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 ³	ppm	Form of exposure	List
Ethanol	64-17-5	5,760 mg/m ³	3,000 ppm		UK_WELSTEL
		1,920 mg/m ³	1,000 ppm		UK_WELTWAS
Butane	106-97-8	1,810 mg/m ³	750 ppm		UK_WELSTEL
		1,450 mg/m ³	600 ppm		UK_WELTWAS

Personal protective equipment

- Hand protection : Wear suitable gloves.
The selected protective gloves have to satisfy the specifications of EU Directive 89/689/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

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Safety data

pH	:	not applicable
Flash point	:	< 0 °C
Vapour pressure	:	not applicable
Density	:	0.68 g/ml
Water solubility	:	negligible
Viscosity, dynamic	:	not applicable

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 g/kg May cause abdominal discomfort.
Acute inhalation toxicity	:	Excessive exposure to spray mist, fog or vapour may cause respiratory irritation. Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.
Acute dermal toxicity	:	LD50 estimated > 2 g/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.
Please recycle empty packaging.
Disposal should be in accordance with local, state or national legislation.
- 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.
Exempted from ADR Conform 3.3.1 Special provision 190.

Sea transport

- IMDG:
UN-Number 1950
Class 2
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.
Exempted from IMDG Conform 3.3.1 Special provision 190.

Air transport

- ICAO/IATA:
Derogation 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.

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15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol(s)	: F+	Extremely flammable
R-phrase(s)	: R12 R52/53	Extremely flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrase(s)	: S 2 S16 S23 S26 S51	Keep out of the reach of children. Keep away from sources of ignition - No smoking. Do not breathe spray. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Use only in well-ventilated areas.
Special labelling of certain preparations	: 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.	
Sensitising components	: 2-benzylideneheptanal, d-limonene, 2-(4-tert-butylbenzyl)propionaldehyde, alpha-hexylcinnamaldehyde, May produce an allergic reaction.	

16. OTHER INFORMATION

Further information

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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.
R10	Flammable.
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.
R22	Harmful 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.