

SAFETY DATA SHEET

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



Version 1.
Revision Date 10.07.2008

Print Date 10.07.2008
MSDS Number 350000011219

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

Product information

Product name :
Use of the Substance/Preparation : Deodorizer
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 : Not classified as Environmentally Hazardous according to Directive 1999/45/EC, as amended.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

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Chemical Name	CAS-No.	Symbol(s)	R-phrase(s)	Weight %
Butane	106-97-8	F+	R12	>= 10.00 - < 20.00
Propane	74-98-6	F+	R12	>= 10.00 - < 20.00
Isobutane	75-28-5	F+	R12	>= 1.00 - < 5.00

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.
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.
Refer to current EN or National standard as appropriate.
- Further information : Use water spray to cool unopened containers.

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.
- Methods for cleaning up : If damage occurs to aerosol can:
Contain spillage, and then collect with non-combustible

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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.
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
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.

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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 : < 0 °C

Vapour pressure : no data available

Density : 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 g/kg
May cause abdominal discomfort.

Acute inhalation toxicity : LC50
estimated > 5 mg/l

Intentional misuse by deliberately concentrating and inhaling

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contents can be harmful or fatal.
Excessive exposure to spray mist, fog or vapour may cause respiratory irritation.

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 : This preparation is Not Classified as Environmentally Hazardous according to Directive 1999/45/EC, as amended.

13. DISPOSAL CONSIDERATIONS

Product : 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.

Contaminated packaging : Do not re-use empty containers.

14. TRANSPORT INFORMATION

Land transport

ADR:

UN-Number 1950
Class 2
ADR/RID-Labels 2.2
Packaging group
Proper shipping name AEROSOLS, asphyxiant
Derogation Limited quantities derogation may be applicable to this product, please check transport documents.

Sea transport

IMDG:

UN-Number 1950
Class 2
Packaging group

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ADR/RID-Labels: 2.2
Proper shipping name AEROSOLS, asphyxiant
EmS F - D, S - U
Marine pollutant
Derogation Limited quantities derogation may be applicable to this product, please check transport documents.

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.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol(s) : F+ Extremely flammable

R-phrase(s) : R12 Extremely flammable.

S-phrase(s) : S 2 Keep out of the reach of children.
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 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.

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

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16. OTHER INFORMATION

Further information

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

R12	Extremely flammable.
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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.