

# SAFETY DATA SHEET

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



## RAID Ant & Cockroach Killer

Version 1.0  
Revision Date 03.07.2008

Print Date 07.04.2011  
MSDS Number 350000008076

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

#### Product information

Product name : RAID Ant & Cockroach Killer

Use of the  
Substance/Preparation : Insecticide

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 : Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

# SAFETY DATA SHEET

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



## RAID Ant & Cockroach Killer

Version 1.0  
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Chemical Name	CAS-No.	Symbol(s)	R-phrase(s)	Weight %
Naphtha (petroleum), hydrotreated heavy	64742-48-9	Xn	R65R66	>= 10.00 - < 20.00
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
Propan-2-ol	67-63-0	F, Xi	R11R36R67	>= 0.50 - < 1.00
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	51-03-6	N	R50/53	>= 0.25 - < 0.50
Permethrin	52645-53-1	Xn, N	R20/22R43R50/53	>= 0.025 - < 0.25
Pyrethrins and Pyrethroids	8003-34-7	Xn, N	R20/21/22R50/53	>= 0.025 - < 0.25

#### 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 : If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

#### 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 : In case of fire and/or explosion do not breathe fumes.  
Heating may cause an explosion.  
Exposure to decomposition products may be a hazard to health.
- Special protective equipment for fire-fighters : Refer to current EN or National standard as appropriate.  
Wear suitable protective clothing and gloves.  
In the event of fire, wear self-contained breathing apparatus.
- 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.

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



## RAID Ant & Cockroach Killer

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### 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.  
Store in cool place.  
Keep out of the reach of children.
- Storage stability : No decomposition if stored and applied as directed.

# SAFETY DATA SHEET

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



## RAID Ant & Cockroach Killer

Version 1.0  
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MSDS Number 350000008076

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	mg/m <sup>3</sup>	ppm	Form of exposure	List
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
Propan-2-ol	67-63-0	1,250 mg/m <sup>3</sup>	500 ppm		UK_WELSTEL
		999 mg/m <sup>3</sup>	400 ppm		UK_WELTWAS
Pyrethrins and Pyrethroids	8003-34-7	1 mg/m <sup>3</sup>			EUOEL_TWAS
		1 mg/m <sup>3</sup>			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

#### Safety data

- Flash point : not applicable
- Lower explosion limit : 1.9 - 8.4 %(V)

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## RAID Ant & Cockroach Killer

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Vapour pressure : no data available

Partition coefficient: n-octanol/water : no data available

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  
ca. > 5 g/kg  
May cause abdominal discomfort.

Acute inhalation toxicity : LC50  
ca. 5.93 mg/l

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 ca.  
> 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 : Very toxic 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       | 2.2  |
| 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      |  |
| 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. |
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### 15. REGULATORY INFORMATION

#### Labelling according to EC Directives

Hazardous components which must be listed on the label:

Chemical Name	CAS-No.	Weight %
Permethrin	52645-53-1	0.20
Pyrethrins and Pyrethroids	8003-34-7	0.20

- Symbol(s) : F+ Extremely flammable  
N Dangerous for the environment
- R-phrase(s) : R12 Extremely flammable.  
R50/53 Very 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.  
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.  
S28 After contact with skin, wash immediately with plenty of soap and water.  
S29 Do not empty into drains.  
S51 Use only in well-ventilated areas.
- Special labelling of certain preparations : Use only as directed.  
Do not spray onto people or pets.  
Remove or cover food, food preparation equipment and eating utensils.  
Remove or cover terrariums, aquariums and animal cages before application.  
Turn off aquarium air-filter during use.  
Store away from food, beverages and pet food.  
Caution  
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.
- : The product is classified and labelled in accordance with Directive 1999/45/EC.

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Sensitising components : Permethrin,  
May produce an allergic reaction.

### 16. OTHER INFORMATION

#### Further information

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

R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R12	Extremely flammable.
R11	Highly flammable.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R20/22	Harmful by inhalation and if swallowed.
R43	May cause sensitization by skin contact.
R20/21/22	Harmful by inhalation, in contact with skin and 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.