

# SAFETY DATA SHEET

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



## RAID Fly & Wasp Killer

Version 2.0  
Revision Date 06.06.2011

Print Date 07.06.2011  
Specification Number: 350000012713  
SITE FORM Number:  
3000000000000010440.002

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

#### Product information

Product identifier : RAID Fly & Wasp Killer

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

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

Classification of the substance or mixture : F+ Extremely flammable  
N Dangerous for the environment

#### Label elements

Hazardous components which must be listed on the label : tetramethrin 0.35% (0.35g/100g)  
d-Phenothrin 0.125% (0.125g/100g)  
d-cis, trans Allethrin 0.10% (0.10g/100g)

Symbol(s) : 

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

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- Additional Labelling : Caution  
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.  
Do not spray onto wall paper and keep spray at least 1 metre away from all surfaces and walls.  
Store away from food, beverages and pet food.  
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.
- Other hazards : 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.

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
Propane	200-827-9	-	74-98-6	F+	R12	>= 10.00 - < 20.00
Naphtha (petroleum), hydrotreated heavy	265-150-3	-	64742-48-9	Xn	R65 R66	>= 5.00 - < 10.00
Isobutane	200-857-2	-	75-28-5	F+	R12	>= 5.00 - < 10.00
tetramethrin	231-711-6	-	7696-12-0	N	R50/53	>= 0.25 - < 0.50
d-Phenothrin		-	188023-86-1	N	R50/53	>= 0.025 - < 0.25
Allethrin	209-542-4	-	231937-89-6	Xn, N	R20/22 R50/53	>= 0.025 - < 0.25

#### WEL substance

Butane	203-448-7	-	106-97-8	F+	R12	>= 10.00 - < 20.00
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### 4. FIRST AID MEASURES

#### Description of 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.

#### 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 : 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.  
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.

#### Indication of any immediate medical attention and special treatment

See Description of first aid measures unless otherwise stated.

### 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

- Suitable : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable : None identified

# SAFETY DATA SHEET

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- Special hazards arising from the substance or mixture : Heating may cause an explosion.  
In case of fire and/or explosion do not breathe fumes.  
Exposure to decomposition products may be a hazard to health.
- 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 : 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.  
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 : 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).  
Clean residue from spill site.  
Dike large spills.  
Use only non-sparking equipment.

### 7. HANDLING AND STORAGE

#### Handling

- Precautions for 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.  
Use explosion-proof equipment.  
Do not spray on a naked flame or any incandescent material.

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Take measures to prevent the build up of electrostatic charge.  
Keep away from heat and sources of ignition.

### Storage

Conditions for safe storage, including any incompatibilities : Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.  
No smoking.  
Store in cool place.  
Keep out of the reach of children.  
No decomposition if stored and applied as directed.

Specific end uses : Insecticide

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 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

### 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 : aerosol

Colour : colourless

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Odour	: characteristic
Odour Threshold	: no data available
pH	: 7.5
Melting point/freezing point	: no data available
Initial boiling point and boiling range	: no data available
Flash point	: < -7 °C
Evaporation rate	: no data available
Flammability (solid, gas)	: Sustains combustion
Upper/lower flammability or explosive limits	: no data available
Vapour pressure	: no data available
Vapour density	: no data available
Relative density	: 0.792 g/cm <sup>3</sup>
Solubility(ies)	: partly miscible
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	: Heat, flames and sparks.
Incompatible materials	: None.

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

### 11. TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

- Acute oral toxicity : LD50  
estimated > 2,000 mg/kg  
May cause abdominal discomfort.  
Based on available data, the classification criteria are not met.
- Acute inhalation toxicity : LC50  
estimated > 5 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.  
No adverse effects expected when used as directed.  
Based on available data, the classification criteria are not met.
- Acute dermal toxicity : LD50  
estimated > 2,000 mg/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 : Very toxic 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.

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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.  
Other adverse effects : None known.

### 13. DISPOSAL CONSIDERATIONS

Waste treatment methods : 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.  
Do not re-use empty containers.

### 14. TRANSPORT INFORMATION

#### Land transport

▪ **ADR:**  
UN number 1950  
Transport hazard class(es) 2  
ADR/RID-Labels 2.1  
UN proper shipping name UN 1950 AEROSOLS, Flammable, 2.1  
Derogation Limited quantities derogation may be applicable to this product, please check transport documents.

#### Sea transport

▪ **IMDG:**  
UN number 1950  
Transport hazard class(es) 2  
ADR/RID-Labels 2  
UN proper shipping name UN 1950 AEROSOLS, Flammable, 2.1  
EmS F-D, S-U  
Environmental hazards  
Derogation Limited quantities derogation may be applicable to this product, please check transport documents.

#### Air transport

▪ **ICAO/IATA:**  
UN number 1950  
Transport hazard class(es) 2.1  
Danger label number 2.1  
UN proper shipping name UN 1950 AEROSOLS, Flammable, 2.1  
Derogation Limited quantities derogation may be applicable to this product, please check transport documents.



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### 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

R12	Extremely flammable.
R20/22	Harmful by inhalation and if swallowed.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

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.