Raid Fly and Wasp Killer (SC Johnson)

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SAFETY DATA SHEET
(according to Regulation (EC) No. 1907/2006)
RAID Fly & Wasp Killer
Version 2.0 Print Date 07.06.2011
Revision Date 06.06.2011 Specification Number: 350000012713
SITE FORM Number:
30000000000000010440.002
1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
Product information
Product identifier : RAID Fly & Wasp Killer
Relevant identified uses of : Insecticide
the substance or mixture
and uses advised against
Details of the supplier of the : SC Johnson Ltd.
safety data sheet Frimley Green
Camberley
Surrey
GU16 7AJ
Telephone : +441276852000
E-mail address ask.uk@scj.com
Emergency telephone : Consumer Care Center
number UK - 0800 353 353
Ireland - 1800 409 176
2. HAZARDS IDENTIFICATION
Classification of the : F+ Extremely flammable
substance or mixture N Dangerous for the environment
Label elements
Hazardous components : tetramethrin 0.35% (0.35g/100g)
which must be listed on the d-Phenothrin 0.125% (0.125g/100g)
label 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

SAFETY DATA SHEET
(according to Regulation (EC) No. 1907/2006)
RAID Fly & Wasp Killer

plenty of water.
S29 Do not empty into drains.
S51 Use only in well-ventilated areas.
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. CAS-No. Symbol(s) R-phrase(s) Weight
No. percent
Propane 200-827-9 - 74-98-6 F+ R12 >= 10.00 -
< 20.00
Naphtha (petroleum), 265-150-3 - 64742-48-9 Xn R65 R66 >= 5.00 - <
hydrotreated heavy 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 >= 0.025 -
R50/53 < 0.25
WEL substance
Butane 203-448-7 - 106-97-8 F+ R12 >= 10.00 -
< 20.00

SITE FORM Number:
30000000000000010440.002
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 : Very toxic to aquatic organisms; may cause long-term adverse
effects 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

Special hazards arising : Heating may cause an explosion.
from the substance or In case of fire and/or explosion do not breathe fumes.
mixture 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 : If damage occurs to aerosol can:
containment and cleaning Contain spillage, and then collect with non-combustible
up 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 : Do not breathe vapours or spray mist.
handling 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.

Take measures to prevent the build up of electrostatic charge.
Keep away from heat and sources of ignition.
Storage
Conditions for safe storage, : Pressurized container: protect from sunlight and do not expose
including any to temperatures exceeding 50 °C. Do not pierce or burn, even
incompatibilities 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/m3 ppm Form of exposure List

Butane 106-97-8 1,810 750 ppm UK_WELSTEL
mg/m3
1,450 600 ppm UK_WELTWAS
mg/m3
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

Odour : characteristic
Odour Threshold : no data available
pH : 7.5
Melting point/freezing point : no data available
Initial boiling point and boiling : no data available
range
Flash point : < -7 °C
Evaporation rate : no data available
Flammability (solid, gas) : Sustains combustion
Upper/lower flammability or : no data available
explosive limits
Vapour pressure : no data available
Vapour density : no data available
Relative density : 0.792 g/cm3
Solubility(ies) : partly miscible
Partition coefficient: n- : no data available
octanol/water
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 : None known.
reactions
Conditions to avoid : Heat, flames and sparks.
Incompatible materials : None.
6/9
SAFETY DATA SHEET
(according to Regulation (EC) No. 1907/2006)
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SITE FORM Number:
30000000000000010440.002
Hazardous decomposition : No decomposition if stored and applied as directed.
products
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 : May cause long-term adverse effects in the aquatic
degradability environment.
Bioaccumulative potential : Based on available data, the classification criteria are not met.
7/9
SAFETY DATA SHEET
(according to Regulation (EC) No. 1907/2006)
RAID Fly & Wasp Killer
Version 2.0 Print Date 07.06.2011
Revision Date 06.06.2011 Specification Number: 350000012713

SITE FORM Number:
300000000000000010440.002
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.

15. REGULATORY INFORMATION
Safety, health and environmental : The product is classified and labelled in accordance with Directive 1999/45/EC.

regulations/legislation
specific for the substance or
mixture

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.