

# SAFETY DATA SHEET

according to 1907/2006/EC

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

**JohnsonDiversey**

**JohnsonDiversey UK Limited**

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Clearance Code

**RAID FLYING INSECT KILLER**  
Insecticide for professional use

Product Code  
**685594**

TO :

## 2. HAZARDS IDENTIFICATION

Extremely flammable liquified petroleum gas.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

This product contains a material with an WEL published in HSE document EH40.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
106-97-8	203-448-7	Butane (WEL)	F: R13	(>30%)
64742-48-9	265-150-3	Naphtha (petroleum), hydrotreated heavy	Xn: R10-65-66	(15-30%)
7696-12-0	231-711-6	Tetramethrin	N: R50/53	(<5%)

Harmful to aquatic organisms.

May cause long-term adverse effects in the aquatic environment.

The classification of the product is due to the component(s) listed in section 3 with an environmental classification (R50-R53).

Based on the environmental classification, the toxicity for aquatic organisms (as defined in 67/548/EEC, Annex V) is estimated to be 10-100mg/L. The information in this section refers to the undiluted product.

Full text of risk phrases are given in section 16.

## 4. FIRST AID MEASURES

**Eyes :** Rinse immediately with plenty of water, holding the eyelids open and seek medical advice.

**Inhalation :** Remove from source of exposure. Seek medical advice if effects persist.

**Skin :** Wash thoroughly with soap and water.

**Ingestion :** Remove product from mouth, give the casualty a small quantity of water to drink and seek medical advice. Do not induce vomiting.

## 5. FIRE FIGHTING MEASURES

FLAMMABLE AEROSOL - In the event of a fire there is a severe risk of explosion and flash, aerosols stored in quantities likely to present a hazard should be cooled with water or water spray if this can be done without risk to firefighting personnel. May evolve toxic fumes if involved in a fire. Firefighters should wear self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

Accidental release would not normally occur with aerosols, however if a can or cans were leaking then ensure good ventilation and that all sources of ignition are removed.

## 7. HANDLING & STORAGE

Avoid contact with skin and eyes. Do not use near naked flames, incandescent surfaces or other sources of ignition. CAUTION : Pressurised container. Protect from sunlight. Do not expose to temperatures exceeding 50°C. Do not pierce or burn even after use. Keep out of reach of children. Do not mix with any other chemicals other than as advised by your JohnsonDiversey representative.

Store upright in original closed containers in a cool place. This product is classified HIGHLY FLAMMABLE for storage under the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972 and should be stored in accordance with the recommendations in HSE Guidance Note HS(G)51 (Storage of Flammable Liquids in Containers)

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**Hand :** Use protective gloves made of nitrile, butyl, neoprene or PVC.

**Eyes :** Personal protection is not normally required unless a risk assessment indicates the need for it.

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<b>Skin :</b>	Personal protection is not normally required unless a risk assessment indicates the need for it.	
<b>Respiration :</b>	Personal protection is not normally required unless a risk assessment indicates the need for it. Do not inhale gases/ fumes/ aerosols. Ensure adequate ventilation when applying the product and ventilate treated area thoroughly after application and before re-use.	
<b>WEL :</b>	Butane (as propellant) W.E.L. 1810 mg/cu.m 15 min ref time W.E.L. 1450 mg/cu.m 8 hour TWA	<b>ref. HSE publication EH40</b>

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## 9. PHYSICAL & CHEMICAL PROPERTIES

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<b>Appearance :</b>	Aerosol	<b>Odour :</b>	Characteristic
		<b>Solubility :</b>	Slightly soluble in water.
<b>Flammability :</b>	Flammable	<b>Flash Point :</b>	<0°C (propellant)

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## 10. STABILITY & REACTIVITY

Keep away from heat. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Eyes :</b>	Unlikely to be irritant in normal use.
<b>Skin :</b>	Unlikely to be irritant in normal use.
<b>Inhalation :</b>	Inhalation and ingestion may produce general narcotic effects such as central nervous system depression, drowsiness, dizziness, disorientation, behavioural changes and hypotension
<b>Ingestion :</b>	Inhalation and ingestion may produce general narcotic effects such as central nervous system depression, drowsiness, dizziness, disorientation, behavioural changes and hypotension

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## 12. ECOLOGICAL INFORMATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Based on the environmental classification, the toxicity for aquatic organisms (as defined in 67/548/EEC, Annex V) is estimated to be 10-100mg/L. The classification of the product is due to the component(s) listed in section 3 with an environmental classification (R50-R53). The information in this section refers to the undiluted product.

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## 13. DISPOSAL CONSIDERATIONS

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 and is not classified as special waste under the Control of Substances (Special Waste) Regulations 1996, but is classified as controlled waste under the Environmental Protection Act 1990. Do not puncture or throw into a fire, even when empty. Place empty containers in a dustbin. For disposal of unused or part used containers, contact a licensed waste management company.

**European waste catalogue 16 05 04** Gases in containers (including halons) containing dangerous substances.

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## 14. TRANSPORT INFORMATION

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<b>EEC Regulation :</b>	AEROSOLS, UN1950, Class 2, Hazchem - None
<b>IMDG/UN :</b>	Aerosols, UN1950, Class 2, PG - None
<b>RID/ADR :</b>	Class 2, Item 5 <sup>o</sup> A
<b>ICAO/IATA :</b>	Passenger Aircraft: 203, Y203 Cargo Aircraft: 203 Aerosols, NOS, UN1950, Class 2, PG - None

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## 15. REGULATORY INFORMATION

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<b>Hazard symbol :</b>	F+, EXTREMELY FLAMMABLE, Contains butane Contains Tetramethrin 0.35 % w/w, Phenothrin 0.07% w/w
<b>Risk phrases :</b>	R13 Extremely flammable liquified gas R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.
<b>Safety phrases :</b>	S2 Keep out of reach of children. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S61 Avoid release to the environment. Refer to special instructions / safety data sheets. This product contains a material with an WEL published in HSE document EH40.

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## 16. OTHER INFORMATION

Handle and apply only as recommended, for full information see product information sheet.

Internal Reference:- MSDS 14-Jun-2001 - Raid Flying Insect Killer

**Text of risk phrases associated with ingredients in section 3.**

R13 Extremely flammable liquified gas.

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.

Use only as insecticide. Use only as directed. Pressurized container: protect from sunlight and do not expose to temperatures in excess of 50°C. Do not pierce or burn, even after use. Do not spray on naked flames or on incandescent material. Keep away from sources of ignition. No smoking. Do not inhale and avoid contact with skin, eyes and mucous membranes. Wash hands thoroughly after handling. Ensure good ventilation after use. Do not spray on pets or people. Do not spray onto wallpaper. Do not spray on food, food preparation equipment, eating utensils and electrical appliances which have been disconnected. Remove or cover terrariums, aquriums and animal cages before application. Turn off aquarium air-filter while spraying. Turn off aquarium air-filter during use. Store away from food, beverages and pet food.

Intentional misuse by deliberate concentration and inhalation can be harmful or fatal.

This product is approved under the control of pesticides Regulations 1986 for use as directed (HSE 5181).