

SAFETY DATA SHEET

according to 1907/2006/EC

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

JohnsonDiversey

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Clearance Code

RAID ANT & COCKROACH KILLER
Insecticide for professional use

Product Code

685586

TO :

2. HAZARDS IDENTIFICATION

Extremely flammable.

Very toxic 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			
64742-48-9	265-150-3	Naphtha (petroleum), hydrotreated heavy	Xn: R10-65-66	(15-30%)
106-97-8	203-448-7	Butane (WEL)	F+: R12	(15-30%)
74-98-6	200-827-9	Propane liquefied (WEL)	F+: R12	(5-15%)
67-63-0	200-661-7	Propan-2-ol (WEL)	Xi, F: R11-36-67	(<5%)
51-03-6	200-076-7	2-(2-Butoxyethoxy)ethyl-6-propylpiperonyl ether	N: R50/53	(<5%)
8003-34-7	232-319-8	Pyrethrin	Xn, N: R20/21/22-50/53	(<5%)
52645-53-1	258-067-9	Permethrin	Xn, N: R22-43-50/53	(<5%)

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 if effects persist.
- Inhalation :** Remove from source of exposure. Obtain medical attention if symptoms develop.
- 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

Always ensure good ventilation when using this product. Do not breathe vapour or spray mist. Avoid contact with skin and eyes. Keep away from heat and 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. Do not spray on a naked flame or any incandescent material.

Store upright in original closed containers in a cool place, away from sources of heat or ignition.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

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

WEL : Butane (as propellant)
W.E.L. 1810 mg/cu.m 15 min ref time
W.E.L. 1450 mg/cu.m 8 hour TWA
F R13 Extremely flammable liquified gas

ref. HSE publication EH40

Propane
W.E.L. 900 mg/cu.m 8 hour TWA

Propan-2-ol, (Isopropanol), (Isopropyl Alcohol)
W.E.L. 1250 mg/cu.m 15 min ref time
W.E.L. 999 mg/cu.m 8 hour TWA

Pyrethrum extract
W.E.L. 1 mg/cu.m 8 hour TWA

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance : Aerosol
Odour : Characteristic
Explosive properties : %Vol 1.9 - 8.4 (Butane)

10. STABILITY & REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Eyes : May be capable of causing irritation.
Skin : May be capable of causing irritation.
Inhalation : Inhalation of spray mists may cause discomfort and should be avoided.
Ingestion : May be capable of causing irritation.

12. ECOLOGICAL INFORMATION

Very toxic 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 <=1mg/L.
When used for its intended purpose this product should not cause adverse effects in the environment.

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.

14. TRANSPORT INFORMATION

EEC Regulation : AEROSOLS, UN1950, Class 2, Hazchem - None
IMDG/UN : Aerosols, UN1950, Class 2, PG - None
RID/ADR : Class 2, Item 5^oA
ICAO/IATA : Passenger Aircraft: 203, Y203
Cargo Aircraft: 203
Aerosols, NOS, UN1950, Class 2, PG - None

15. REGULATORY INFORMATION

Hazard symbol : N, Dangerous for the environment.
F+, EXTREMELY FLAMMABLE
Risk phrases : R12 Extremely flammable.
R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Safety phrases : S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe spray/mists.
S29 Do not empty into drains.
S51 Use only in well-ventilated areas.
S61 Avoid release to the environment. Refer to special instructions / safety data sheets.

16. OTHER INFORMATION

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

Internal Reference:- 685586 (18-May-2006)

Text of risk phrases associated with ingredients in section 3.

- R11 Highly flammable.
- R12 Extremely flammable.
- R20 Harmful by inhalation.
- R21 Harmful in contact with skin.
- R22 Harmful if swallowed.
- R36 Irritating to eyes.
- R43 May cause sensitization by skin contact.
- R50 Very toxic to aquatic organisms.
- R53 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.
- R67 Vapours may cause drowsiness and dizziness.

Changes made to section 2, 3, 4, 7, 8, 9, 10, 11, 12 and 15.