

Safety Data Sheet

According to Australian CoP Preparation of Safety Data Sheets for
Hazardous Chemicals, Feb 2016 and New Zealand HSNO CoP 8-1 09-06



ONE SHOT KILLING POWER RAID KILLS INSECTS IN ONE SHOT MULTIPURPOSE INSECT KILLER ODOURLESS (APVMA 64887)

Version 1.1

Print Date 03.05.2018

Revision Date 19.02.2018

SDS Number 350000011800

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier	: ONE SHOT KILLING POWER RAID KILLS INSECTS IN ONE SHOT MULTIPURPOSE INSECT KILLER ODOURLESS (APVMA 64887)
Other means of Identification	: 350000011800
Recommended use	: Insecticide
Restrictions on use	: Use only as directed on label
Australia	: S.C. Johnson & Son Pty. Ltd. ABN 71. 000 021 009 160 Epping Road, Lane Cove, N.S.W. 2066. Australia Telephone: +61 2 9428 9111
New Zealand	: S.C. Johnson & Son Pty. Ltd 79 Queen Street Auckland 1010 New Zealand Telephone: +64 9 573 2850
Emergency telephone numbers	: Australia: (8:30am – 17:30pm Mon-Thurs, 8:30am – 17:00pm Fri AEST) +61 2 9428 9111 New Zealand: (9:00am – 14:00pm Mon-Fri NZDT) +64 9 573 2850
Poison Information Contacts	: Australia: 13 11 26 New Zealand : 0800 764 766 or 0800 POISON

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Statement of Hazardous Nature (Australia)

Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Aerosol	Category 1	Extremely flammable aerosol.

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Acute toxicity	Category 5 *	May be harmful if inhaled.
Acute aquatic toxicity	Category 1 *	Very toxic to aquatic life.
Chronic aquatic toxicity	Category 1 *	Very toxic to aquatic life with long lasting effects.

* Classification not adopted by Australia

^ Classification only triggered in Australia if 'Schedule 6 of WHS Regulations' met. Contact SCJ Consumer Advice number listed on product label if required.

Statement of Hazardous Nature (New Zealand)

HSNO Classification (NZ): : 2.1.2A
9.1A, 9.4A

Labelling - Australia **

Hazard symbols



Flame
Environment

Signal word
Danger

Hazard statements

(H222) Extremely flammable aerosol.
(H229) Pressurised container: May burst if heated.
(H333) May be harmful if inhaled.
(H410) Very toxic to aquatic life with long lasting effects.

Precautionary statements

(P101) If medical advice is needed, have product container or label at hand.
(P102) Keep out of reach of children.
(P410 + P412) Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

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(P501) Dispose of contents/ container to an approved incineration plant.
(P210) Keep away from heat/sparks/open flames/hot surfaces. No smoking.
(P211) Do not spray on an open flame or other ignition source.
(P251) Pressurized container: Do not pierce or burn, even after use.

** The information supplied is designed for products predominately used in workplaces; whereas consumer product labels comply with the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) labelling requirements, under The Australian CoP Labelling of Workplace Hazardous Chemicals (March 2015).

Labelling- New Zealand

Refer Australian labelling above.

Signal word

Danger

Hazard statements

(H222) Extremely flammable aerosol.
(H229) Pressurised container: May burst if heated.
(H410) Very toxic to aquatic life with long lasting effects.
(H441) Very toxic to terrestrial invertebrates.

Precautionary statements

(P101) If medical advice is needed, have product container or label at hand.
(P102) Keep out of reach of children.
(P410 + P412) Protect from sunlight. Do not expose to temperatures exceeding 40 °C/ 104 °F.
(P501) Dispose of contents/ container to an approved incineration plant.
(P210) Keep away from heat/sparks/open flames/hot surfaces. No smoking.
(P211) Do not spray on an open flame or other ignition source.
(P251) Pressurized container: Do not pierce or burn, even after use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	64742-48-9	10.00 - 20.00
Tetramethrin	7696-12-0	0.10 - 0.50
D-Allethrin	584-79-2	0.00 - 0.10
d-Phenothrin	188023-86-1	0.00 - 0.10
Other non-hazardous ingredients	various	Balance to 100

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4. FIRST AID MEASURES

Description of first aid measures

Eye contact : No special requirements

Skin contact : No special requirements

Inhalation : No special requirements.

Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

Indication of any immediate medical attention and special treatment needed : See Description of first aid measures unless otherwise stated.

5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards arising from substance : Do not use a solid water stream as it may scatter and spread fire. Aerosol Product - Containers may rocket or explode in heat of fire. Do not allow run-off from fire fighting to enter drains or water courses.

Special protective equipment and precautions for fire fighters : Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

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6. ACCIDENTAL RELEASE MEASURES

- | | |
|--|---|
| Personal precautions, protective equipment and emergency procedures | : Remove all sources of ignition.
Wear personal protective equipment.
Wash thoroughly after handling. |
| Environmental precautions | : Do not flush into surface water or sanitary sewer system.
Use appropriate containment to avoid environmental contamination.
Outside of normal use, avoid release to the environment. |
| Methods and materials for containment and cleaning up | : If damage occurs to aerosol can:
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Use only non-sparking equipment.
Dike large spills.
Clean residue from spill site. |

7. HANDLING AND STORAGE

Handling

- | | |
|--------------------------------------|--|
| Precautions for safe handling | : Avoid contact with skin, eyes and clothing.
Do not enter places where used or stored until adequately ventilated.
For personal protection see section 8.
Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Pressurized container.
Do not pierce or burn, even after use. |
|--------------------------------------|--|

- | | |
|--|---|
| Advice on protection against fire and explosion | : Keep away from sources of ignition - No smoking.
Do not spray on an open flame or other ignition source. |
|--|---|

Storage

- | | |
|---------------------------------|--|
| Requirements for storage | : Protect from sunlight. Do not expose to temperatures |
|---------------------------------|--|

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areas and containers

exceeding 50 °C/ 122 °F.
Keep away from food, drink and animal feedingstuffs.
Keep in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

Personal protective equipment

Respiratory protection : Do not spray in enclosed areas.

Hand protection : No special requirements.

Eye protection : No special requirements.

Skin and body protection : No special requirements.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : aerosol

Color : Colorless

Odor : characteristic

Odour Threshold :

pH : No data available

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Melting point/freezing point :
Initial boiling point and :
boiling range

Flash point : < 23 °C
< 73.4 °F

Evaporation rate :

Flammability (solid, gas) :

Upper/lower flammability or :
explosive limits

Vapour pressure : Not applicable

Vapour density :

Relative density : 0.580 g/cm³ at 20 °C

Solubility(ies) : insoluble

Partition coefficient: n- :
octanol/water

Auto-ignition temperature :

Decomposition temperature :

Viscosity, dynamic :

Viscosity, kinematic : Not applicable

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Oxidizing properties :

Other information : None identified :

10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : No decomposition if stored normally.

Possibility of hazardous reactions : Stable under recommended storage conditions.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Strong oxidizing agents
None known.

Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 > 5,000 mg/kg

Acute inhalation toxicity : LC50 > 5.05 mg/l

Acute dermal toxicity : LD50 > 5,000 mg/kg

GHS Properties	Classification	Routes of entry
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Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	Category 5 *	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin corrosion/irritation	No classification proposed	-
Serious eye damage/eye irritation	No classification proposed	-
Skin sensitisation^	No classification proposed	-
Respiratory sensitisation^	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

Aggravated Medical : None known.

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Condition

* Classification not adopted by Australia

^ Classification only triggered in Australia if 'Schedule 6 of WHS Regulations' met. Contact SCJ Consumer Advice number listed on product label if required.

12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	LC50	Pimephales promelas (fathead minnow)	2,200 mg/l	96 h
Tetramethrin	LC50	Oncorhynchus mykiss (rainbow trout)	0.0037 mg/l	96 h
D-Allethrin	LC50	Danio rerio (zebra fish)	0.00708 mg/l	96 h
d-Phenothrin	LC50	Oncorhynchus mykiss (rainbow trout)	0.0027 mg/l	96 h
	NOEC	Oncorhynchus mykiss (rainbow trout)	> 0.0011 mg/l	90 d

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	EC50	Daphnia magna (Water flea)	< 100 mg/l	48 h

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Tetramethrin	EC50	Daphnia magna (Water flea)	0.0110 mg/l	48 h
D-Allethrin	EC50	Daphnia magna (Water flea)	0.0061 mg/l	48 h
d-Phenothrin	EC50	Daphnia (water flea)	0.0043 mg/l	48 h
	NOEC	Daphnia (water flea)	0.00047 mg/l	21 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	No data available			
Tetramethrin	EC50	Algae	> 0.94 mg/l	72 h
D-Allethrin	IC50	Desmodesmus subspicatus (green algae)	1.1 mg/l	72 h
d-Phenothrin	EbC50	Algae	> 0.011 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	31.3 %	28 d	Not readily biodegradable.
Tetramethrin	No data available		Not readily biodegradable.
D-Allethrin	No data available		Not readily

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			biodegradable.
d-Phenothrin	1 %	28 d	Not readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	No data available	5.8 - 7.6
Tetramethrin	No data available	4.58
D-Allethrin	20	
d-Phenothrin	2,506 - 3,192 Measured	6.8

Mobility

Component	End point	Value
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	log Koc	> 1.783 - < 2.36
Tetramethrin		-
D-Allethrin	Koc	9500
d-Phenothrin	Koc	125893

PBT and vPvB assessment

Component	Results
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Not fulfilling PBT and vPvB criteria
Tetramethrin	Not fulfilling PBT and vPvB criteria
D-Allethrin	Not fulfilling PBT and vPvB criteria
d-Phenothrin	Not fulfilling PBT and vPvB criteria

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

13. DISPOSAL CONSIDERATIONS

Safe handling and disposal methods : PESTICIDAL WASTE:
For disposal information, please read and follow Disposal instructions on the pesticide label.
Consumer may discard empty container in trash, or recycle where facilities exist.

Disposal of any contaminated packaging : Do not re-use empty containers.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

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	Land transport [§]	Sea transport	Air transport
UN number		1950	
UN proper shipping name			
Transport hazard class(es)		2	
Packing group		-	
Environmental hazards	-	-	-
Special precautions for user	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

[§] **Land transport:** Classification based on UN Recommendations on the Transport of Dangerous Goods. Local regulations under the Australian Dangerous Goods Code (ADG) and/or the New Zealand Land Transport Rule Dangerous Goods should be applied prior to transportation of goods.

15. REGULATORY INFORMATION

Poisons Schedule (Australia): : NOT SCHEDULED

HSNO Classification (NZ): : 2.1.2A
9.1A, 9.4A

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HSNO Approval Number : HSR000323
(NZ):

16. OTHER INFORMATION

Revision Date: 19.02.2018

Key abbreviations or acronyms used

ADG: The Australian Code for the Transport of Dangerous Goods by Road and Rail

NZ LTR: The New Zealand Land Transport Rule: Dangerous Goods 2005

HSNO: Hazardous Substances and New Organisms Act 1996 (New Zealand)

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons (Australia)

Further information

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Prepared by	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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