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

Raid One Shot Crawling Insect Surface Spray Odourless Kills Fast

Version *2*.0 Print Date 07.06.2021

Revision Date 06.05.2021 SDS Number 350000018937

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier	:	**Raid One Shot Crawling Insect Surface Spray Odourless Kills Fast**
Other means of Identification	:	350000018937
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 2	Flammable aerosol.
Skin irritation	Category 3	Causes mild skin irritation.
Long-term (chronic) aquatic	*Category 1* *	Very toxic to aquatic life with long lasting

hazard		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
6.3B, 6.5B, 6.8B
9.1A, 9.4C

Labelling - Australia **

Hazard symbols



Flame
Environment

Signal word
Warning

Hazard statements
(H223) Flammable aerosol.
(H229) Pressurised container: May burst if heated.
(H316) Causes mild skin irritation.
(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.
(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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	64742-47-8	20.00 - 30.00
Isopropanol	67-63-0	1.00 - 5.00
Cypermethrin	52315-07-8	0.10 - 0.50
Imiprothrin	72963-72-5	0.10 - 0.50
Other non-hazardous ingredients	various	Balance to 100

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 : Use water spray, alcohol-resistant foam, dry chemical or

media		carbon dioxide.
Specific hazards arising from substance	:	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.
Hazchem Code	:	2YE

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 areas and containers : Protect from sunlight. Do not expose to temperatures 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

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Isopropanol	67-63-0	1,230 mg/m3	500 ppm	-	AU_OESSTEL
Isopropanol	67-63-0	983 mg/m3	400 ppm	-	AU_OESTWAS
Isopropanol	67-63-0	1,230 mg/m3	500 ppm	-	NZ_WELSTEL
Isopropanol	67-63-0	983 mg/m3	400 ppm	-	NZ_WELTWA

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	:	clear
Odor	:	odourless
Odour Threshold	:	Test not applicable for this product type
pH	:	Test not applicable for this product type
Melting point/freezing point	:	Test not applicable for this product type
Initial boiling point and boiling range	:	Test not applicable for this product type
Flash point	:	-60 °C -76 °F Propellant > 75 °C > 167 °F liquid
Evaporation rate	:	Test not applicable for this product type
Flammability (solid, gas)	:	auto-flammable
Upper/lower flammability or explosive limits	:	Test not applicable for this product type

Vapour pressure	:	Test not applicable for this product type
Vapour density	:	Test not applicable for this product type
Relative density	:	Test not applicable for this product type
Solubility(ies)	:	partly soluble
Partition coefficient: n-octanol/water	:	Test not applicable for this product type
Auto-ignition temperature	:	auto-flammable
Decomposition temperature	:	Test not applicable for this product type
Viscosity, dynamic	:	Test not applicable for this product type
Viscosity, kinematic	:	Test not applicable for this product type
Oxidizing properties	:	Test not applicable for this product type
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 > 5.1 mg/l
Acute dermal toxicity	:	LD50 > 5,000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin irritation	Category 3	-

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 Condition : None known.

* *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, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	LC50	Fish	> 1,028 mg/l	96 h
Isopropanol	flow-through test LC50	Pimephales promelas (fathead minnow)	9,640 mg/l	96 h
Cypermethrin	LC50 NOEC	Oncorhynchus mykiss (rainbow trout) Pimephales promelas (fathead minnow)	0.00283 mg/l 0.00001 mg/l	96 h 28 d
Imiprothrin	LC50	Oncorhynchus mykiss (rainbow trout)	0.038 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	EC50	Daphnid	> 3,193 mg/l	48 h
Isopropanol	semi-static test NOEC	Daphnia magna	30 mg/l	21 d
Cypermethrin	EC50 NOEC	Daphnia magna (Water flea) Daphnia magna (Water flea)	0.00471 mg/l 0.00004 mg/l	48 h 21 d
Imiprothrin	EC50	Daphnia magna (Water	0.051 mg/l	48 h

		flea)		

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	EC50	Skeletonema costatum	> 3,198 mg/l	72 h
Isopropanol	EC50	Desmodesmus subspicatus (green algae)	> 1,000 mg/l	72 h
Cypermethrin	ErC50	Selenastrum capricornutum, Skeletonema costatum	> 0.0033 mg/l	72 h
Imiprothrin	NOEC	Pseudokirchneriella subcapitata (green algae)	1.3 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	74 %	28 d	Readily biodegradable.
Isopropanol	53 %	5 d	Readily biodegradable.
Cypermethrin	0.6 - 1.4 %	33 d	Not readily biodegradable.
Imiprothrin	58 %	28 d	Not readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics,	61 - 159	No data available

<2% aromatics		
Isopropanol	< 100	0.05
Cypermethrin	373.4 Measured	5.3 - 5.6
Imiprothrin	58.2 Calculated	2.9

Mobility

Component	End point	Value
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	No data available	
Isopropanol	Koc	1.1 estimated
Cypermethrin	Koc	80653 - 574360
Imiprothrin	Koc	268

PBT and vPvB assessment

Component	Results
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	Not fulfilling PBT and vPvB criteria
Isopropanol	Not fulfilling PBT and vPvB criteria
Cypermethrin	Not fulfilling PBT and vPvB criteria
Imiprothrin	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.

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.

	Land transport §	Sea transport	Air transport
UN number	1950	1950	1950
UN proper shipping name	AEROSOLS, Flammable	AEROSOLS, Flammable	AEROSOLS, Flammable
Transport hazard class(es)	2.1	2	2.1
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.

Hazchem Code : 2YE

§ ***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

Raid One Shot Crawling Insect Surface Spray Odourless Kills Fast

Version *2*.0 Print Date 07.06.2021

Revision Date 06.05.2021 SDS Number 350000018937

Poisons Schedule (Australia):	:	S5
HSNO Classification (NZ):	:	2.1.2A 6.3B, 6.5B, 6.8B 9.1A, 9.4C
HSNO Approval Number (NZ):	:	HSR100745

16. OTHER INFORMATION

Revision Date: 06.05.2021

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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