

MATERIAL SAFETY DATA SHEET

CLEAR-OUT CRAWLING INSECT AEROSOL

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Date of Issue: September 7, 2018

Version No. : 1.0 Printed on: September 10, 2018

Section 1: Identification

PRODUCT NAME: CLEAR-OUT CRAWLING INSECT AEROSOL

PRODUCT CODE: 70000027

PRODUCT USE: Ready to use crawling insect spray for cockroaches and ants

COMPANY NAME & CONTACT DETAILS: Sherwood Chemicals Australasia PTY LTD
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Section 2: Hazards identification

CLASSIFICATION AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA:	Aerosol Acute toxicity – Oral Acute toxicity – Dermal Skin corrosion / Irritation Aspiration hazard Hazardous to the Aquatic environment-short term (Acute) hazard Hazardous to the Aquatic environment-long term (Chronic) hazard	Category 1 Category 5 Category 5 Category 3 Category 1 Category 3 Category 3
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PICTOGRAMS OF GHS:



SIGNAL WORD: Danger

HAZARD STATEMENT:

PHYSICAL:

H222

: Extremely Flammable aerosol.

H229

: Pressured container: may burst if heated.

HEALTH:

H304

: May be fatal if swallowed and enters airways.

H316

: Causes mild skin irritation.

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ENVIRONMENT:

H402 : Harmful to aquatic life.
H412 : Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENT:

GENERAL:

P101 : If medical advice is needed, have product container or label at hand.
P102 : Keep out of reach of children.
P103 : Read label before use.

PREVENTION:

P210 : Keep away from heat, hot surface, sparks, open flames and other ignition sources, No smoking.
P211 : Do not spray on an open flame or other ignition source.
P251 : Do not pierce or burn, even after use.
P273 : Avoid release to the environment. (if this is not the intended use.)

RESPONSE:

P301+P310 : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P332+P313 : If skin irritation occurs: Get medical advice/attention.

STORAGE:

P405 : Store locked up.
P410 + P412 : Protect from sunlight, Do not expose to temperature exceeding 50oC / 122oF.

DISPOSAL:

P501 : Dispose of contents/container to approved method and / or local regulations.

Section 3: Composition / Information on Ingredients

Ingredient	CAS Number	EC Number	Concentration %
FIPRONIL	120068-37-3	601-663-4	0.06
ISOPROPYL ALCOHOL	67-63-0	200-661-7	1.00 – 10.00
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	64742-47-8	926-141-6	30.00 – 60.00
LPG (Liquefied petroleum gas)	68476-85-7	270-704-2	30.00 – 60.00

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Section 4: First Aid Measures

4.1 Description of first aid measures

- EYE:** : If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
- INHALATION:** : If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
- SKIN:** : If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
- INGESTION:** : For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.

FIRST AID FACILITIES: : Eye wash facilities and safety shower should be available.

4.2 Most important symptoms and effects, both acute and delayed

May be harmful if swallowed or in contact with skin. May cause slight skin and eye irritation. This product may have the potential to cause adverse health effects if intentionally misused (e.g. deliberately inhaling contents). Use safe work practices to avoid eye or skin contact and inhalation. Over exposure may result in central nervous system (CNS) effects.

4.3 Immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Fire Fighting Measures

5.1 Extinguishing media

Dry agent, carbon dioxide or foam. Prevent contamination of drains and waterways.

5.2 Special Hazards arising from the substance or mixture

Highly flammable aerosol. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Aerosol may explode at temperatures exceeding 50°C. Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, heaters, naked lights, pilot lights, mobile phones, etc when handling.

5.3 Advice for firefighters

Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

5.4 Hazchem code

2YE

2 Fine Water Spray.

Y Risk of violent reaction or explosion. Wear full fire kit and breathing apparatus. Contain spill and run-off.

E Evacuation of people in and around the immediate vicinity of the incident should be considered.

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Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Ventilate area where possible.

6.2 Environmental precautions

Prevent product from entering drains and waterways.

6.3 Methods of cleaning up

Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.

6.4 Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

Section 7: Handling and Storage

7.1 Precautions for safe handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

7.3 Specific end uses

No information provided.

Section 8: Exposure Controls and Personal Protection

8.1 Control parameters

Exposure standards

Ingredient	Reference	TWA		STEL	
		ppm	Mg/m ³	ppm	Mg/m ³
Isopropyl alcohol	SWA (AUS)	400	983	500	1230
Liquefied petroleum gas (LPG)	SWA (AUS)	1000	1800	1000	1800
Mineral Oil Mist	SWA (AUS)	--	5	--	--

Biological limits

Ingredient	Determinant	Sampling Time	BEI
ISOPROPYL ALCOHOL	Acetone in urine	End of shift end of workweek	40 mg/L

Reference: ACGIH Biological Exposure Indices

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8.2 Exposure controls

Engineering controls

Avoid inhalation. Use in well ventilated areas. Flammable/explosive vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain vapour levels below the recommended exposure standard.

PPE

Eye / Face

When using large quantities or where heavy contamination is likely, wear safety glasses.

Hands

When using large quantities or where heavy contamination is likely, wear PVC or rubber gloves.

Body

Not required under normal conditions of use.

Respiratory

Not required under normal conditions of use.

Section 9: Physical and Chemical Properties

APPEARANCE:	: Aerosol, fine clear spray.
ODOUR:	: Slight odour.
pH:	: Not available.
FREEZING POINT:	: Not available.
BOILING POINT/RANGE:	: Not available.
FLASH POINT:	: < 23°C
EVAPORATION RATE:	: Not available.
FLAMMABILITY:	: Extremely Flammable.
VAPOUR PRESSURE:	: Not available.
VAPOUR DENSITY:	: Not available.
SOLUBILITY IN WATER AT 25°C:	: Not available.
DENSITY:	: 0.77 – 0.80 Kg/Lt. @ 30°C (Concentrated part).
PARTITION COEFFICIENT n-OCTANOL/WATER:	: Not available.
FLAMMABLE LIMITS:	
(LEL)%V	: Not relevant
(UEL)%V	: Not relevant
AUTO-IGNITION TEMPERATURE:	: Not available.
DECOMPOSITION TEMPERATURE:	: Not available.
VISCOSITY:	: Not available.

Section 10: Stability and Reactivity

10.1 Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

10.2 Chemical stability

Stable under recommended conditions of storage

10.3 Possibility of hazardous reactions

Polymerization will not occur.

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10.4 Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources.

10.5 Incompatible materials

Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), alkalis (e.g. sodium hydroxide), heat and ignition sources.

10.6 Hazardous decomposition products

May evolve carbon oxides and hydrocarbons when heated to decomposition.

Section 11: Toxicological Information

Acute Toxicity

Acute Toxicity (Oral)	: LD₅₀ = 4,669.23 mg/Kg, rat => Category 5.
Acute Toxicity (Dermal)	: LD₅₀ = 4,826.92 mg/Kg, rabbit => Category 5.
Acute Toxicity (Inhalation)	: LC₅₀ = 5.85 mg/l, rat, 4 hrs. => Not classified.

Skin Corrosion/Irritation

: Category 3 => Causes mild skin irritation.

Serious Eye Damage/Eye Irritation

: Not classified.

Respiratory or Skin Sensitization

Respiratory sensitization	: Not classified.
Skin sensitization	: Not classified.

Germ Cell Mutagenicity

: Not classified.

Carcinogenicity

: Not classified.

Reproductive toxicity

: Not classified.

Specific Target Organ Toxicity/Single Exposure

: Not classified.

Specific Target Organ Toxicity/Repeated Exposure

: Not classified.

Aspiration Hazard

: Category 1 ; May be harmful if swallowed and enter airways.

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Section 12: Ecological Information

TOXICITY: HAZARDOUS TO THE AQUATIC ENVIRONMENT

Short-Term (Acute) Hazard	: Category 3 => Harmful to aquatic life.
Long-term (Chronic) Hazard	: Category 3 => Harmful to aquatic life with long lasting effects.

PERSISTENCE AND DEGRADABILITY: : No information provided.

BIOACCUMULATIVE POTENCIAL: : No information provided.

MOBILITY IN SOIL: : No information provided.

OTHER ADVERSE EFFECTS: : No information provided.

Section 13: Disposal Considerations

13.1 Waste treatment methods

Waste disposal For small amounts, absorb contents with sand or similar and dispose of to an approved landfill site. Do not puncture or incinerate aerosol cans. Contact the manufacturer/supplier for additional information (if required).

Legislation Dispose of in accordance with relevant local legislation.

Section 14: Transport Information



	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG/IMO)	AIR TRANSPORT (IATA/ICAO)
14.1 UN Number	1950	1950	1950
14.2 Proper Shipping name	AEROSOLS	AEROSOLS	AEROSOLS
14.3 Transport hazard class	2.1	2.1	2.1
14.4 Packing group	None allocated.	None allocated.	None allocated.

14.5 Environmental hazards

Not a Marine Pollutant

14.6 Special precautions for user

Hazchem code 2YE
GTEPG 2D1
EMS F-D, S-U

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Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Poison schedule Classified as a Schedule 5 (S5) Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Classifications Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.

Inventory listings **AUSTRALIA: AICS (Australian Inventory of Chemical Substances)**
All components are listed on AICS, or are exempt.

Section 16: Other Information

Sherwood Chemicals Australasia Pty Ltd

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END OF SDS