



SHERWOOD CHEMICALS AUSTRALASIA PTY LTD

SAFETY DATA SHEET CHAINDRITE EXTRA STRENGTH CRAWLING INSECT SPRAY

Page 1 of 9

Effective Date: January 22, 2020

Version : 1.0 Printed Date: January 23, 2020

SECTION 1: IDENTIFICATION

1.1 Product Description

Product Name **CHAINDRITE EXTRA STRENGTH CRAWLING INSECT SPRAY**

For application to kill cockroaches, bedbugs, ants, spiders, fleas, millipedes, slaters, earwigs, wasps, flies

1.2 Suggestions

For using

1. After using, should be washed hand always.
2. Wear protective equipment always before use.

Prohibition for use

1. **DO NOT** store near flames or heat because may be explode when heated.
2. **DO NOT** eat and contact to skin, eyes, or inhaled.
3. **DO NOT** dispose product and containers to watercourses.

1.3 Detail of the supplier of the product

Supplier Name : **Sherwood Chemicals Australasia PTY LTD**
Address : Level 3 , 1060 Hay Street , West Pert , WA , 6005 , Australia
Contact : Tel. +61 8 9219 4683
Fax. +61 8 9219 4672
Email : contact@sherwoodchemicals.com.au
Website : http://www.sherwoodchemicals.com.au

1.4 Emergency telephone number (s)

Emergency Contact : Tel. +66 421 667972

SECTION 2: HAZARDS IDENTIFICATION

Classification according to GHS

: Aerosols	Category 1
: Acute Toxicity: Oral	Category 5
: Acute Toxicity: Dermal	Category 5
: Skin Corrosion / Irritation	Category 2
: STOT Single	Category 3
: Aspiration Hazard	Category 1
: Hazardous to the Aquatic Environment	
- Acute Hazard	Category 2
- Chronic Hazard	Category 2



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SAFETY DATA SHEET CHAINDRITE EXTRA STRENGTH CRAWLING INSECT SPRAY

Page 2 of 9

Effective Date: January 22, 2020

Version : 1.0 Printed Date: January 23, 2020

Hazard Symbol:



Signal Word:

Danger

Hazard Statement

Physical:

- H222 : Extremely flammable aerosol.
- H229 : Pressurized container: may burst if heated.

Health:

- H303 : May be harmful if swallowed.
- H304 : May be fatal if swallowed and enters airways.
- H313 : Maybe harmful in contact with skin.
- H315 : Cause skin irritation.
- H335 : May cause respiratory irritation; or
- H336 : May cause drowsiness or dizziness.

Environment:

- H401 : Toxic to aquatic life
- H411 : Toxic 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 surfaces, 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.
- P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.
Manufacturer/supplier or the competent authority to specify applicable conditions.
- P264 : Wash thoroughly after handling.
Manufacturer / supplier or the competent authority to specify parts of the body to be washed after handling.
- P271 : Use only outdoors or in a well-ventilated area.
- P273 : Avoid release to the environment.
If this is not the intended use.
- P280 : Wear protective gloves clothing.
Manufacturer / supplier or the competent authority to specify type of equipment.



Response:

- P301 + P310 : IF SWALLOWED : Immediately call a POISON CENTER or doctor/physician.
P302 + P352 : IF ON SKIN : Wash with plenty of soap and water.
P304 + P340 : IF INHALED : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 : Call a POISON CENTER/doctor/physician if you feel unwell.
P321 : Specific treatment (see ... on this label)
...Reference to supplemental first aid instruction.
Manufacturer / supplier or the competent authority may specify a cleansing agent if appropriate.
P331 : **Do NOT** induce vomiting.
P332+P313 : If skin irritation occurs: Get medical advice / attention.
P362 : Take off contaminated clothing and wash before reuse
P363 : Wash contaminated clothing before reuse.
P391 : Collect spillage.

Storage:

- P403+P233 : Store in a well-ventilated place.
Keep container tightly closed.
If product is volatile so as to generate hazardous atmosphere.
P405 : Store locked up
P410+P412 : Protect from sunlight. **DO NOT** expose to temperatures exceeding 50°C / 122°F

Disposal:

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

SECTION 3: INFORMATION ON INGREDIENTS

Component (s)	CAS Number	Concentration %
Cypermethrin	52315-07-8	2.0 %
Imiprothrin	72963-72-5	1.4 %
Naphtha (petroleum), hydrotreated heavy	64742-48-9	> 40.0
LPG (Liquefied petroleum gas)	68476-85-7	> 50.0

SECTION 4: FIRST AID MEASURES

- If Inhaled : Move patient to fresh air. If breathing is difficult, give artificial respiration and get medical attention immediately.
If on Skin : Remove contaminated clothing immediately and rinse off with plenty of water. Get medical attention immediately if irritation persists.
If in Eye : Rinse carefully out with plenty of water. If you were contact lenses, remove if possible and wash away. If irritation persists, get medical attention immediately.



SHERWOOD CHEMICALS AUSTRALASIA PTY LTD

SAFETY DATA SHEET CHAINDRITE EXTRA STRENGTH CRAWLING INSECT SPRAY

Page 4 of 9

Effective Date: January 22, 2020

Version : 1.0 Printed Date: January 23, 2020

If Ingest : If get in mouth, rinse off with plenty of water. If swallowed, **DO NOT** induce vomiting, drink plenty of clean water or milk and get medical attention immediately.

Advice to Doctor : Symptomatic treatment.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media Suitable

: Use carbon dioxide, water spray, foam or dry chemical powder.

Extinguishing Media Unsuitable

: No data available.

Specific Hazards Rising from the Chemical

: Carbon dioxide (CO₂), Carbon monoxide (CO) and toxic fumes.

Special Protective Action for Fire-Fighters

: Wear self - contained breathing apparatus and chemical-protective clothing. (Self - Contained Breathing Apparatus, SCBA).

: Use water spray to cool containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep unauthorized people away.

: Move flame or ignition sources.

: **DO NOT** direct contact.

: Avoid direct contact with the skin, eyes and clothing.

: **DO NOT** inhaled vapors.

: Remove contaminated clothes, undergarments and shoes immediately.

Personal Protection : Wear respiratory protective with organic vapour absorber, boots and rubber gloves.

Environmental Precautions

: Avoid disposal of spilled material into soil, waterways, drains and sewers.

: Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

: Ventilate on area that leak.

: Use non-sparking tools or equipment.

: Absorb the leak with sand, soil, or inert substances. Keep the absorbent material into sealed container and show sign for disposal.



- : In small leak case, absorb with appropriate absorbent material (such as sand, sawdust, etc.)
- : In large leak case, partition the leaked product. Pump the product out with the pump. Use respirator during cleaning.
- : **DO NOT** allow the water into containers. Sprinkle the water to reduce vapors.
- : Wash leaked area after keep and dispose in appropriate waste container.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

- : Avoid contact with the product for prolonged periods.
- : Use only in well-ventilated areas.

Precautions for Safe Storage

- : Keep container tightly closed.
- : Keep in normal temperature at dry, cool and well-ventilated place.
- : Keep away from heat, sunlight, flame and incompatible materials.
- : Keep in a straight position and protect the container against physical damage.
- : Keep away from food, drink and animal feeding stuffs.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standard

Source	Material	TWA ppm	TWA mg/m ³	STEL ppm	STEL mg/m ³	Peak ppm	Peak mg/m ³	TWA F/CC	notes
Exxonmobil	Naphtha (petroleum), hydrotreated heavy	171	1,200	-	-	-	-	-	

Engineering Controls

- : Local exhaust ventilation may be necessary to reduce the concentration of chemical vapors.

Personal Protective Equipment

- : Wear appropriate specific chemical protective gloves such as nitrile rubber gloves. And clean the device after use.
- : Wear safety glasses, work clothing and respirator with an organic vapour and gas filter mask.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Clear aerosol spray.
Odor	: Characteristic odor.
Odor Exposure Limits	: No data available.
pH value	: No data available.
Melting / Freezing point	: No data available.
Boiling point / Range	: No data available.
Flash point	: 104 to -60°C [Propellant].
Evaporation Rate	: No data available.
Flammability of Solid and Gas	: Very flammable
Flammable Limits (LFL) %	: 1.8% to 2.2% in air (v/v) [Propellant].
(UFL) %	: 8.4% to 9.5% in air (v/v) [Propellant].
Explosion Limits (LEL) %	: Non applicable.
(UEL) %	: Non applicable.
Vapour Pressure	: 0.5 mPa.
Vapour Density (air = 1)	: No data available.
Relative Density (water = 1)	: No data available.
Partition Coefficient n-Octanol / water	: No data available.
Auto - Ignition Temperature	: 405°C to 466°C [Propellant].
Decomposition Temperature	: No data available.
Solubility in water	: Insoluble
Specific Gravity / Density	: 0.740 - 0.770 kg/L at 30°C
Viscosity	: No data available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	: No hazardous reactions if stored and handled as indicated.
Chemical Stability	: Stable under normal conditions of storage and use.
Possibility of Hazardous reactions	: No hazardous reactions if stored and handled as indicated.
Conditions to Avoid	: Avoid heat, open flames, ignition sources and direct sunlight. : DO NOT store near temperature over 50°C or 122°F.
Incompatible Materials	: Strong oxidizing agent, Strong acid and base.
Hazardous Decomposition products	: Combustion or thermal decomposition will evolve carbon and nitrogen oxides and halogen compounds.



SHERWOOD CHEMICALS AUSTRALASIA PTY LTD

SAFETY DATA SHEET CHAINDRITE EXTRA STRENGTH CRAWLING INSECT SPRAY

Page 7 of 9

Effective Date: January 22, 2020

Version : 1.0 Printed Date: January 23, 2020

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity, Oral	: LD ₅₀ = 4,004.80 mg/kg (Rat) (Calculated)
Dermal	: LD ₅₀ = 4,614.73 mg/kg (Rabbit) (Calculated)
Inhalation	: LD ₅₀ > 100.00 mg/L (4 Hours in Rat) (Calculated)
Skin Corrosion / Irritation	: Causes skin irritation.
Eye Damage / Irritation	: Not Classified.
Skin Sensitization	: Not Classified.
Respiratory Sensitization	: Not Classified.
Germ Cell Mutagenicity	: Not Classified.
Carcinogenicity	: Not Classified.
Reproductive Toxicity	: Not Classified.
Specific Target Organ Toxicity	
- Single Exposure	: May cause respiratory irritation , May cause drowsiness or dizziness.
- Repeat Exposure	: Not Classified.
Aspiration Hazard	: May be fatal if swallowed and enters airways.

SECTION 12: ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment - Short Term (Acute) Hazard	: Toxic to aquatic life.
- Long Term (Chronic) Hazard	: Toxic to aquatic life with long-lasting effects.
Persistence and Degradability	: No data available.
Bio-Accumulative Potential	: No data available.
Mobility in Soil	: No data available.
Other Adverse Effects	: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Method	: DO NOT dispose into the environment, waterways, drains and sewers. : DO NOT pour waste contaminated into soil or water. : Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Container Treatment Method	: DO NOT pierce or burn, even when empty.



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**SAFETY DATA SHEET
CHAINDRITE EXTRA STRENGTH
CRAWLING INSECT SPRAY**

Page 8 of 9

Effective Date: January 22, 2020







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: Should be disposed of in accordance with local regulations and laws in force in the country or region.

: This product is dangerous for the environment. **DO NOT** dispose to sewers, drains or watercourses.

SECTION 14: TRANSPORT INFORMATION

14.1 European Transport Information

Regulation	UN Number	Correct Shipping Name	Classes	PG*	Symbols	Remark
ADR	UN 1950	Aerosols	2.1	-	 	Hazchem code 2YE
IMDG	UN 1950	Aerosols. Marine pollutant Cypermethrin and Imiprothrin	2.1	-	 	Emergency schedules (Ems) F-D, S-U
IATA	UN 1950	Aerosols, Flammable	2.1	-	 	Passenger and Cargo Aircraft Quantity limitation: 75 Kg Packaging instructions: 203 Cargo Aircraft Only Quantity limitation: 150 Kg Packaging instructions: 203 Limited Quantities - Passenger Aircraft Quantity limitation: 30 Kg Packaging instructions: Y203

Beware ensure transportation of the container tightly closed, no leak and **DO NOT** overturned.



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SAFETY DATA SHEET CHAINDRITE EXTRA STRENGTH CRAWLING INSECT SPRAY

Page 9 of 9

Effective Date: January 22, 2020

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DO NOT delivery with food, fiber, oxidizing agent, bases, etc.

SECTION 15: REGULATORY INFORMATION

- Law Enforcement in Thailand : Hazardous substance act BE 2535.
List of Hazardous Substances BE 2556,
Announce from Ministry of Industry
- Types of Hazardous Material : 3
(Food and Drug Administration, Ministry of Public Health, Thailand)
- APVMA Registration No. : APVMA Approval Number: 63850

SECTION 16: OTHER INFORMATION

- Literature : GHS OFFICIAL TEXT AND CORRIGENDA Rev.7 (2017)
: European Chemicals Agency;
<https://echa.europa.eu/>
: Toxicology Data Network, U.S. National Library of Medicine;
<https://toxnet.nlm.nih.gov/>
: National Institute of Technology and Evaluation;
http://www.safe.nite.go.jp/english/ghs/ghs_index.html
: List of Hazardous Substances, Ministry of Industry, Thailand
https://www.jetro.go.jp/ext_images/thailand/thai/pdf/hazardlist13_tha.pdf

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