



SHERWOOD CHEMICALS AUSTRALASIA PTY LTD

# SAFETY DATA SHEET CHAINDRITE EXTRA STRENGTH CRAWLING INSECT SPRAY

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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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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.



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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 (CO<sub>2</sub>), 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 <sup>3</sup>	STEL ppm	STEL mg/m <sup>3</sup>	Peak ppm	Peak mg/m <sup>3</sup>	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. : <b>DO NOT</b> 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.



### SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity, Oral	: LD <sub>50</sub> = 4,004.80 mg/kg (Rat) (Calculated)
Dermal	: LD <sub>50</sub> = 4,614.73 mg/kg (Rabbit) (Calculated)
Inhalation	: LD <sub>50</sub> > 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	: <b>DO NOT</b> dispose into the environment, waterways, drains and sewers. : <b>DO NOT</b> 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	: <b>DO NOT</b> pierce or burn, even when empty.



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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	-	 	<b>Hazchem code</b> 2YE
IMDG	UN 1950	<b>Aerosols. Marine pollutant</b> Cypermethrin and Imiprothrin	2.1	-	 	<b>Emergency schedules (Ems)</b> F-D, S-U
IATA	UN 1950	<b>Aerosols, Flammable</b>	2.1	-	 	<b>Passenger and Cargo Aircraft</b> Quantity limitation: 75 Kg Packaging instructions: 203  <b>Cargo Aircraft Only</b> Quantity limitation: 150 Kg Packaging instructions: 203  <b>Limited Quantities - Passenger Aircraft</b> 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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**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](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](https://www.jetro.go.jp/ext_images/thailand/thai/pdf/hazardlist13_tha.pdf)

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