

MATERIAL SAFETY DATA SHEET

Chaindrite Extra Strength Crawling Insect Spray

Section 1: Identification of the Product and Company

Product name:	Chaindrite Extra Strength Crawling Insect Spray
Other names:	Crawling insect Aerosol
Use:	Control of crawling insects
Company name & Contact details	Company: Sherwood Chemicals Australasia Pty Ltd Address: Level 3, 1060 Hay Street, WEST PERTH 6005 AUSTRALIA Emergency Telephone number: All hours +61 421 667972
Other information:	All reasonable care has been taken to ensure the information and advice contained in this data sheet is accurate at the time of printing. However, Sherwood Chemicals accepts no liability for any loss or damages suffered as a consequence of reliance upon the information contained herein.

Section 2: Hazards Identification

Hazard classification:	This product is classified as hazardous under NOHSC criteria. This product is classified as a Dangerous Good by the Australian Dangerous Goods Code . F: Flammable Xn: Harmful See below for Risk and Safety Phrases.
Risk Phrases:	R11: Highly flammable Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.
Safety Phrases:	S2: Keep out of reach of children. S7: Keep container tightly closed. S16: Keep away from sources of ignition – No smoking. S23: Do not breathe vapour / spray. S24: Avoid contact with skin. S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Do not inhale spray mist. Spray in well ventilated area. Extremely flammable - Do not spray on a naked flame or any incandescent material. For further health and safety information please refer to the full MSDS.

MSDS – Chaindrite Extra-Strength Crawling Insect Spray

Section 3: Composition / Information on Ingredients

Chemical entity	CAS N°	Proportion
Imiprothrin	72963-72-5	0 – 1%
Cypermethrin	52315-07-8	0 – 1%
Solvent naphtha (petroleum) medium aliphatic	64742-88-7	10 – 30%
Ethanol	64-17-5 30	30 – 60%
Hydrocarbon propellant		
- Propane	74-98-6	30 – 60%
- Butane	106-97-8	
Other ingredients		to 100%

Section 4: First Aid Measures

FIRST AID:

For advice, contact a Poisons Information Centre, Phone Australia 13 1126; New Zealand 0800 764 766, or a doctor at once.

Inhalation: Do not breathe vapour/ spray. Remove victim to fresh air. Keep victim warm and calm. If patient is unconscious and breathing, place them in the coma position, check airway and observe. Administer oxygen if breathing is difficult. Apply resuscitation if victim is not breathing. Obtain immediate medical care.

Skin: May irritate skin. Avoid contact with skin. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair immediately with running water at room temperature for 15 minutes.

Eye: May irritate eyes. If in eyes wash out immediately with water for 15 minutes. Obtain medical care.

Ingestion: Due to high volatility of product, this is not likely to occur. If sprayed in mouth, rinse mouth with water. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

ADVICE TO DOCTOR -

Treat symptomatically

Section 5: Fire Fighting Measures

Fire/Explosion Hazard:

Extinguishing Media

Small fire: Use water spray, dry chemical or carbon dioxide.

Large fire: Use water spray or fog.

Fight fire from protected position or use unmanned hose holders or monitor nozzles. If safe to do so, move undamaged containers from fire area. Do not approach hot containers. Cool containers with water before handling. If impossible to extinguish fire, protect surroundings, withdraw from area and allow fire to burn.

Hazards Heat or damage to containers can release flammable / poisonous gases. Extremely flammable. Pressurised dispenser. Closed containers may rupture when exposed to heat greater than 50 C. Ruptured containers will rocket. Released gases can form explosive mixtures with air. Hazardous concentrations can accumulate in a confined space. Released gases can travel

MSDS – Chindrite Extra-Strength Crawling Insect Spray

to source of ignition and flash back. Fire can produce irritating, poisonous and corrosive gases. Propellant is extremely flammable and heavier than air.

Precautions / PPE High concentration of gas could cause dizziness or asphyxiation without warning. Released gases are harmful. Wear SCBA and protective gloves. If large amounts are involved, wear SCBA and chemical splash suit.

HAZCHEM Code 3WE

Section 6: Accidental Release Measures

Emergency Procedures

Immediately contact police or fire brigade. Spill or leak area should be isolated immediately for at least 8 m in all directions. Eliminate all sources of ignition within at least 15 m. Keep unauthorised personnel away. Keep upwind and to higher ground. When a large quantity is involved in a fire, consider initial evacuation for at least 100 m in all directions. Send message to police and fire brigade. Tell them the location, material, UN Number, quantity and emergency contact as well as damage observed.

Containment / Clean up Procedures

Eliminate all ignition sources (no smoking, flares, sparks or flame) within at least 15 m.

All equipment used when handling the product must be earthed.

If water is available, spray leaking containers to reduce ignition hazard and disperse gas. Isolate area until gas has dispersed. Ventilate area.

Avoid release to the environment. Do not empty into drains. Absorb in inert absorbent material for disposal by an approved method and / or local regulations.

Section 7: Handling and Storage

Safe handling practices: Spray in a well ventilated area. Do not breathe vapour. Local exhaust ventilation may be necessary to minimise excessive vapour concentration, if levels are likely to be high or in a confined space. Avoid static charge and discharge with high concentrations and in confined space. Wash hands after use.

Storage: Store in a well ventilated area. Pressurised dispenser. Protect from sunlight and do not expose to temperatures exceeding 50 C. Do not pierce or burn this can, even when empty. Store away from corrosive products. Store in accordance with Dangerous Goods Regulations and transport in accordance with the ADG Code for Dangerous Goods Class 2.1

Other information: Nil

Section 8: Exposure Controls and Personal Protection

National Exposure Standards There is no established TLV for this product. Avoid exposure – obtain special instructions before use.
TWA for Butane is 800ppm
Propane is an asphyxiant

Biological Limit Values Not available.

Engineering Controls Local exhaust ventilation may be necessary to minimise excessive vapour concentration, if levels are likely to be high or in a confined space.

Personal Protective Equipment Wear safety glasses and protective gloves. Wear respirator complying with AS1715 and AS1716 if concentration levels are high.

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Section 9: Physical and Chemical Properties

Appearance:	Aerosol, fine clear spray
Odour	Characteristic perfume
pH	Not applicable
Vapour Pressure	Not available
Vapour Density	Not available
Boiling / Melting Point	Not available
Solubility	Not soluble
Specific Gravity	0.58 approx.
Flash Point (propellant)	-104 to -60°C
Flammable limits (propellant)	1.5% to 9.6% in air (v/v)
Ignition Temperature (propellant)	494°C to 600°C

Section 10: Chemical Stability and Reactivity Information

Chemical stability:	Stable under normal ambient conditions of storage and use. Avoid heat sources.
Conditions to avoid:	Heat, flames and sparks. Avoid static charge and discharge with high concentrations and in confined space. Avoid damp conditions.
Incompatibility:	Can react violently with oxidising agents – chlorine, pool chlorine or nitric acid.
Hazardous decomposition products:	Not available.

Section 11: Toxicological Information

Potential adverse health effects and symptoms associated with exposure to the material

Vapours may cause drowsiness and dizziness.

Swallowed: Unlikely due to high volatility of product, but is harmful, may cause lung damage if swallowed

Eyes: Liquid will cause severe damage, vapour may irritate.

Skin: May cause cold burn. Irritating to skin.

Inhaled: May cause light-headedness, dizziness and drowsiness.

Excessive exposure may cause unconsciousness or even death, due to asphyxiation.

Section 12: Ecological Information

Ecotoxicity / Persistence / Degradability / Mobility

Propellant will vapourise rapidly when released to atmosphere.

Propellant consists of hydrocarbons that photo chemically decompose under atmospheric conditions.

Section 13: Disposal Considerations

Disposal methods Dispose of can by putting in garbage or leaving it at an appropriate metal recycling collection point.

Special precautions for landfill or incineration

Do not pierce or burn, even when empty.

MSDS – Chaindrite Extra-Strength Crawling Insect Spray

Section 14: Transport Information

UN Number 1950

Proper Shipping Name Aerosols

Emergency Procedure

Guide 2D1

Class and subsidiary risk(s)

Class 2.1

Packaging Group Not applicable

Special precautions for user

Spray in well ventilated area. Keep away from sources of ignition – No smoking.

Extremely flammable - Do not spray on a naked flame or any incandescent material.

Keep out of reach of children.

Hazchem 3WE

Section 15: Regulatory Information

**Agricultural or veterinary
chemicals legislation**

This product is registered for use by the APVMA.
AUSTRALIA APVMA Registration No. 63850

Section 16: Other Information

Emergency Telephone number: All hours Tel: +61 421 667972

Sherwood Chemicals Australasia Pty Ltd

Address: Level 3, 1060 Hay Street, WEST PERTH 6005 AUSTRALIA

MSDS creation date: 6th July 2009

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END OF MSDS