

## MATERIAL SAFETY DATA SHEET

### CHAINDRITE EXTRA STRENGTH CRAWLING INSECT SPRAY

#### Section 1: Identification of the Product and Company

<b>Product name:</b>	<b>CHAINDRITE EXTRA STRENGTH CRAWLING INSECT SPRAY</b>
<b>Other names:</b>	Crawling insect Aerosol
<b>Use:</b>	Control of crawling insects
<b>Company name &amp; Contact details</b>	<b>Company: Sherwood Chemicals Australasia Pty Ltd</b> Address: Level 3, 1060 Hay Street, WEST PERTH 6005 AUSTRALIA Emergency Telephone number: All hours +61 421 667972
<b>Other information:</b>	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

<b>Hazard classification:</b>	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.
<b>Risk Phrases:</b>	R11: Highly flammable Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.
<b>Safety Phrases:</b>	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%
Isoparaffinic Hydrocarbon	64742-48-9	10 – 30%
Aliphatic hydrocarbon	64742-82-1	40 – 60%
Hydrocarbon propellant		
- Propane	74-98-6	40 – 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 to source of ignition and flash back. Fire can produce irritating, poisonous and

## MSDS – CHAINDRITE EXTRA STRENGTH CRAWLING INSECT SPRAY

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

Spill or leak area should be isolated immediately. Advise emergency services if required (FESA). Keep all unauthorised persons away from the area. Contain spill if safe to do so. (See below)

#### Containment / Clean up Procedures

Contain spill by using absorbent material ie (sand, earth or cat litter). Cover all open drains with plastic, rubber etc. (See section handling and storage for PPE requirements). Do not allow entry into waterways. Collect (shovel or sweep) absorbent material into sealable steel or plastic containers, clearly labeled. Disposal of contaminated material must be done in accordance with State and/or Local regulations.

Small spills: If spilt indoors, once absorbed and removed, wash contaminated surface with a mild detergent solution

### Section 7: Handling and Storage

<b>Safe handling practices:</b>	Avoid contact of the product with hands, skin, eyes and avoid breathing spray mist. Do not allow the product or spray mist to enter the mouth. Wash hands, face and arms immediately after use and before eating, drinking, smoking or going to the toilet.
<b>Storage:</b>	Keep cool out of direct sunlight and provide adequate ventilation. Avoid contact with extremes of heat and oxidisers.
<b>Other information:</b>	Nil

### Section 8: Exposure Controls and Personal Protection

<b>National Exposure Standards</b>	Worksafe Occupational Exposure Standard (TWA – Time Weighted Average) Propellant – propane/butane 800ppm Time Weighted Average (TWA) means the average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.
<b>Biological Limit Values</b>	Not available.
<b>Engineering Controls</b>	Use only in a well ventilated area..
<b>Personal Protective Equipment</b>	No personal protection required when used as recommended on the label.

## MSDS – CHAINDRITE EXTRA STRENGTH CRAWLING INSECT SPRAY

### Section 9: Physical and Chemical Properties

<b>Appearance:</b>	Aerosol, fine clear spray
<b>Odour</b>	Low odour
<b>pH</b>	Not applicable
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Boiling / Melting Point</b>	Not available
<b>Solubility</b>	Not soluble
<b>Specific Gravity</b>	Not applicable for packed aerosol
<b>Flash Point (propellant)</b>	-104 to -60°C
<b>Flammable limits (propellant)</b>	1.5% to 9.6% in air (v/v)
<b>Ignition Temperature (propellant)</b>	494°C to 600°C

### Section 10: Chemical Stability and Reactivity Information

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

### Section 11: Toxicological Information

#### GENERAL:

No adverse health effects are expected when the product is used in accordance with label directions.

#### ACUTE

##### SWALLOWED:

The acute oral toxicity is low. Oral LD50 (rat) > 150,000 mg / kg (Calculated)

#### 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.

# MSDS – CHAINDRITE EXTRA STRENGTH CRAWLING INSECT SPRAY

## 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.

## Section 14: Transport Information

**UN Number** 1950

**Proper Shipping Name** Aerosols, Flammable

**Emergency Procedure**

Guide 2D1

**Class and subsidiary risk(s)**

Class 2.2

**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:** 6<sup>th</sup> September 2012

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Sherwood Chemicals be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Sherwood Chemicals has been advised of the possibility of such damages.*

**END OF MSDS**