

**SECTION 1: IDENTIFICATION**

1.1 Product Name **SHIELDRITE CRAWLING INSECT FOAM**  
 Active Ingredients Imidacloprid Content 0.05% w/w.  
 Appearance Clear aerosol foam spray.  
 Benefit For elimination of crawling insects including cockroach, ant, wasp, termite and bedbug insects.

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 Manufacturer and Distributor

Distributor Name **Sherwood Chemicals Australia Pty Ltd.**  
 Address Level 3, 1060 Hay Street, West Perth 6005 Australia  
 Contact Tel. 08 9219 4683 Fax. 08 9219 4672 ABN: 351 369 936 30  
 Website <http://www.sherwoodchemicals.com.au>

Manufacturer **Sherwood Corporation (Thailand) Public Company Limited**  
 Address Product Groups of Insecticide and Wood Preservative  
 90/1 Moo 9, Wellgrow Industrial Estate, Km. 36 Bang Na-Trad Road, Bang Wua, Bang Pakong District, Chachoengsao 24180, Thailand  
 Tel. +66-3852-2302 Fax. +66-3852-2311

Product Groups of Cleaning and Pet Shampoo  
 109 Moo 9, Wellgrow Industrial Estate, Km. 36 Bang Na-Trad Road, Bang Wua, Bang Pakong District, Chachoengsao 24180, Thailand  
 Tel. +66-3898-9120

Website <https://www.sherwood.co.th/>

**SECTION 2: HAZARDS IDENTIFICATION**

Classification according to GHS

|                                 |             |
|---------------------------------|-------------|
| Flammable aerosol               | Category 1  |
| Skin corrosion / Irritation     | Category 3  |
| Serious eye damage / Irritation | Category 2A |
| Germ Cell Mutagenicity          | Category 1B |
| Carcinogenicity                 | Category 1A |

Hazard Symbol:



Signal Word:

WARNING

Hazard Statement

Physical: H222 : Extremely flammable aerosol.  
H229 : Pressured container: may burst if heated.

Health: H316 : Causes mild skin irritation.  
H319 : Causes serious eye irritation.  
H340 : May cause genetic defects.  
H350 : May cause cancer.

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: P201 : Obtain special instructions before use.  
P202 : Do not handle until all safety precautions have been read and understood.  
P264 : Wash hand thoroughly after handling.  
P280 : Wear eye protection and face protection.

Response: P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 : IF exposed or concerned: Get medical advice/attention.  
P337+P313 : If eye irritation persists: Get medical advice / attention.

Storage: P405 : Store locked up.

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

### SECTION 3: INFORMATION ON INGREDIENTS

| Component (s)                 | CAS Number  | Concentration %    |
|-------------------------------|-------------|--------------------|
| Imidacloprid                  | 138261-41-3 | 0.05%              |
| Additive                      | Mixture     | Remainder          |
| LPG (Liquefied petroleum gas) | 68476-85-7  | <7.5%              |
| Water                         | 7732-18-5   | Balance to 100.00% |

### 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 persist.
- If in Eye : Rinse carefully out with plenty of water. If you were contact lenses, remove if possible and wash away. If irritation persist, get medical attention immediately.
- 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 : Use personal protective equipment.  
: Avoid contact with the skin, eyes and clothing.  
: Keep unauthorized people away.  
: 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  
: Dispose of absorbed material in accordance with regulations.  
: Collect waste in suitable containers, which can be labeled and sealed.  
: Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.  
: Waste through waste removal contractor is licensed and / or local authority control.

### SECTION 7: HANDLING AND STORAGE

- Precautions for Safe Handling : Keep away from heat and ignition sources.  
: Avoid contact with skin, eyes and clothing.  
: Use product in area that sufficient ventilation.  
: Wash hands with soap and water after handling.  
: Remove contaminated clothing and protective equipment before entering eating areas.
- Precautions for Safe Storage : Keep container tightly closed.  
: Keep away from heat, sunlight, flame and incompatible materials.  
: Keep in normal temperature at dry, cool and well-ventilated place.  
: 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 : Not data available.

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                              | : Translucent Liquid.               |
| Odor                                    | : Characteristic odor.              |
| Odor Exposure Limits                    | : No data available.                |
| pH value                                | : 7.0 - 9.0 at 25°C                 |
| Melting / Freezing point                | : No data available.                |
| Boiling point / Range                   | : No data available.                |
| Flash point                             | : No data available.                |
| Evaporation Rate                        | : No data available.                |
| Flammability of Solid and Gas           | : Non applicable                    |
| Flammable Limits (LFL) %                | : No data available.                |
| (UFL) %                                 | : No data available.                |
| Explosion Limits (LEL) %                | : No data available.                |
| (UEL) %                                 | : No data available.                |
| Vapour Pressure                         | : No data available.                |
| 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             | : No data available.                |
| Decomposition Temperature               | : No data available.                |
| Solubility in water                     | : Less soluble to milky suspension. |
| Specific Gravity / Density              | : 1.00 - 1.20 kg/L at 30°C          |

## 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.<br>: Avoid extremes temperature below 0°C and above 40°C. |
| 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> > 5,000 mg/kg (Rat) (Calculated)    |
| Dermal               | : LD <sub>50</sub> > 5,000 mg/kg (Rabbit) (Calculated) |

|                                |  |
|--------------------------------|--|
| Inhalation                     | : LD <sub>50</sub> > 20.0 mg/L (4 Hours in Rat) (Calculated) |
| Skin Corrosion / Irritation    | : Cause mild skin irritation.                                |
| Eye Damage / Irritation        | : Causes serious eye irritation.                             |
| Skin Sensitization             | : Not Classified   |
| Respiratory Sensitization      | : Not Classified   |
| Germ Cell Mutagenicity         | : May cause genetic defects.                                 |
| Carcinogenicity                | : May cause cancer.  |
| Reproductive Toxicity          | : Not Classified.  |
| Specific Target Organ Toxicity |  |
| - Single Exposure              | : Not Classified.  |
| - Repeat Exposure              | : Not Classified.  |
| Aspiration Hazard              | : Not Classified.  |

## SECTION 12: ECOLOGICAL INFORMATION

### Hazardous to the Aquatic Environment







|                               |                      |
|-------------------------------|----------------------|
| Acute Hazard                  | : Not Classified.    |
| Chronic Hazard                | : Not Classified.    |
| 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.<br>: <b>DO NOT</b> pour waste contaminated into soil or water.<br>: 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.<br>: Should be disposed of in accordance with local regulations and laws in force in the country or region.<br>: This product is dangerous for the environment. <b>DO NOT</b> 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     | -   | <br>     | <p><b>Hazchem code</b><br/>2YE</p>  |
| IMDG       | UN 1950   | Aerosols.<br>Marine pollutant<br>Imidacloprid | 2.1     | -   | <br>  | <p><b>Emergency schedules (Ems)</b><br/>F-D, S-U</p>  |
| IATA       | UN 1950   | Aerosols,<br>Flammable                        | 2.1     | -   | <br> | <p><b>Passenger and Cargo Aircraft</b><br/>Quantity limitation: 75 Kg<br/>Packaging instructions: 203</p> <p><b>Cargo Aircraft Only</b><br/>Quantity limitation: 150 Kg<br/>Packaging instructions: 203</p> <p><b>Limited Quantities - Passenger Aircraft</b><br/>Quantity limitation: 30 Kg<br/>Packaging instructions: Y203</p> |

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

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



SHERWOOD CORPORATION  
SHERWOOD CORPORATION (THAILAND)  
PUBLIC COMPANY LIMITED

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Effective Date: September 04, 2019

Version : 1.1 Printed Date : September 04, 2019

### SECTION 15: REGULATORY INFORMATION

Law Enforcement in Thailand : Hazardous substance act be 2535.  
Types of Hazardous Material : 2 (FDA Thailand)  
Australian Pesticides & Veterinary  
Medicines Authority Australia (APVMA). : No.82820

### SECTION 16: OTHER INFORMATION

#### Reference

: 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)  
: Ministry of Industry Announcement on Hazardous Substance List 2013  
[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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