



SHERWOOD CHEMICALS AUSTRALASIA PTY LTD

SAFETY DATA SHEET SHIELDRITE CRAWLING INSECT FOAM

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Version: 1.2

Effective Date: February 04, 2020

Printed Date: February 04, 2020

SECTION 1: IDENTIFICATION

1.1 Product Description

Product Name **SHIELDRITE CRAWLING INSECT FOAM**

Benefit Eliminates against cockroaches, ants, termites, wasps and bedbugs. Foaming technic allows chemical penetration and fills up cracks and voids in walls and other desired areas.

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 Distributors

Company Name : **Sherwood Chemicals Australasia Pty Ltd**

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

Contact : Tel. +61-89219 4683

Website : <http://www.sherwoodchemicals.com.au>

Manufacturer : **Sherwood Corporation (Thailand) Public Company Limited**

Address : 90/1 Moo 9, Wellgrow Industrial Estate, Km.36 Bang Na-Trad Road, Bang Wua,
 Bang Pakong District, Chachoengsao 24180, Thailand

Contact : Tel. +66-3852-2302
 Fax. +66-3852-2311

Emergency Contact : Tel. +66-3852-2302 All 24 hours



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SECTION 2: HAZARDS IDENTIFICATION

Classification according to GHS

: Aerosols Category 1
Skin corrosion / irritation Category 3
Serious eye damage / eye irritation Category 2A

Hazard Symbol:



Signal Word:

Danger

Hazard Statement

Physical:

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

Health:

H316 : Cause mild skin irritation.
H319 : Cause serious eye irritation.

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.
P264 : Wash thoroughly after handling.
P280 : Wear protective gloves clothing.

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.
P332+P313 : If skin irritation occurs: Get medical advice / attention.
P337+P313 : If eye irritation persists: Get medical advice / attention.

Storage:

P410+P412 : Protect from sunlight. **DO NOT** expose to temperatures exceeding 50°C / 122°F



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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%
Non Hazardous Ingredients	Mixture	Reminder
Water	7732-18-5	Balance to 100.00%
Liquefied Petroleum Gas, LPG	68476-85-7	7.50%

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 (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.



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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

- : Avid 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.



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- : 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
	Butane	800	1900	-	-	-	-	-	-
	Propane								ASPHYXIANT
	Glycerin Mist (a)	-	-	-	-	-	-	-	-

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.

Instruction

- : Wear chemical protective clothing to prevent skin contact.
- : Change contaminated clothing.

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].



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Evaporation Rate	: No data available.
Flammability of Solid and Gas	: Very flammable
Flammable Limits (LFL) %	: No data available.
(UFL) %	: No data available.
Explosion Limits (LEL) %	: Non applicable.
(UEL) %	: Non applicable.
Vapour Pressure	: 0.67 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	: No data available.
Decomposition Temperature	: No data available.
Solubility in water	: Insoluble
Specific Gravity / Density	: 1.00 - 1.20 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.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity, Oral	: LD ₅₀ > 5,000 mg/kg (Rat) (Calculated)
Dermal	: LD ₅₀ > 5,000 mg/kg (Rabbit) (Calculated)
Inhalation	: LD ₅₀ > 100 mg/L (4 Hours in Rat) (Calculated)
Skin Corrosion / Irritation	: Causes mild skin irritation.
Eye Damage / Irritation	: Causes serious eye irritation.



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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 : Not Classified.
- Repeat Exposure : Not Classified.
Aspiration Hazard : Not Classified.

SECTION 12: ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment - Short Term (Acute) Hazard : No data available
- Long Term (Chronic) Hazard : No data available
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.
: 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 No.	Proper Shipping Name	Classes	PG*	Symbol	Remark
ADR	1950	Aerosol (Contain: Imidacloprid)	2.1	-		<u>Hazchem code</u> 2YE



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IMDG	1950	Aerosols (Contain: Imidacloprid)	2.1	-		Emergency schedules (Ems) F-D, S-U
IATA	1950	Aerosols (Contain: Imidacloprid)	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.

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)

Registration No. : (THAI FDA Code) 83/2557

Australian Pesticides Authority
(APVMA) : 82820

SECTION 16: OTHER INFORMATION

Literature : GHS OFFICIAL TEXT AND CORRIGENDA Rev.7 (2017)
: European Chemicals Agency;
<https://echa.europa.eu/>



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- : 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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