

**1. IDENTIFICATION**

<b>Product Identifier:</b>	<b>Lurem T Thrips Attractant</b>
<b>Other Means of Identification:</b>	Methyl isonicotinate (Methyl 4-pyridinecarboxylate, 4-Pyridinecarboxylic acid, methyl ester) in thermoformed polymer membrane dispenser
<b>Recommended Use of the Chemical and Restrictions on Use:</b>	<b>Insect Attractant</b>
<b>Details of Manufacturer or Importer:</b>	AgNova Technologies Pty Ltd Suite 3/935 Station Street Box Hill North Vic 3129 Australia (03) 9899 8100 www.agnova.com.au
<b>Emergency Telephone Number:</b>	1800 033 111(24 hrs)

**2. HAZARD(S) IDENTIFICATION**

Not classified as hazardous chemical in HCIS Safe Work Australia.

CLP Classification – Regulation (EC) no 1272/2008



Pictogram: Exclamation mark

**GHS Hazard Class and Category:**

Skin Corrosion/irritation - Category 2

Hazard Statement: H315 - Causes skin irritation

Serious Eye Damage/Eye Irritation - Category 2

Hazard Statement: H319 - Causes serious eye irritation

Specific target organ toxicity - (single exposure) - Category 3

Hazard Statement: H335 - May cause respiratory irritation



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### Precautionary Statements:

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.

**ADG Classification:** This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail. See section 14.

**SUSMP Classification:** Not scheduled

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

The product is a thermoformed polymer membrane dispenser that contains an attractant (methyl isonicotinate).

Ingredients:	CAS Number:	Classification:	Concentration
4-Pyridinecarboxylic acid, methyl ester	2459-09-8	Skin Irrit. (H315) Eye Irrit. 2 (H319) STOT SE 3 (H335)	2.5 mL per dispenser

### 4. FIRST AID MEASURES

**If poisoning occurs, immediately contact a doctor or Poisons Information Centre (Phone 13 11 26), and follow the advice given. Show this Safety Data Sheet to a doctor.**

#### Description of Necessary First Aid Measures:

**General Advice:** If symptoms persist, call a physician.

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. Obtain medical attention.

**Ingestion:** Clean mouth with water and drink plenty of water afterwards.

**Skin contact:** Wash off immediately with plenty of water for at least 15 minutes. Obtain medical attention.

**Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.

**Protection of First-aiders:** Use personal protective equipment.



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**First Aid Facilities:** Provide washing facilities in the workplace.

**Symptoms Caused by Exposure, Both Acute and Delayed:** None reasonably foreseeable. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**Medical Attention and Special Treatment:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Specific Hazards Arising from the Chemical:** Combustible material. Flammable. Keep product and empty container away from heat and sources of ignition. Risk of ignition. Containers may explode when heated.  
Hazardous Combustion Products  
Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>).

**Special Protective Equipment and Precautions for Fire Fighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.



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### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.

**Environmental Precautions:**

Should not be released into the environment.

**Methods and Materials for Containment and Cleaning Up:**

In the event of an accident causing breakage of dispensers and leakage of contents, cover any spilt liquid with a suitable adsorbent such as sand or earth, sweep up the earth with absorbed liquid and broken dispensers, wrap the sweepings in several layers of paper and dispose in a local authority land fill, or in a disposal pit specifically established for the purpose of disposal of pesticide containers. Do not contaminate waterways with broken dispensers or their contents.

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**

Wear personal protective equipment. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation. Keep away from open flames, hot surfaces and sources of ignition.

**Conditions for Safe Storage, including any Incompatibilities:**

Store in a cool place in the tightly closed original packaging at temperatures of 0 to 5°C.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure Control Measures:**

No exposure standard allocated.

**Biological Monitoring:**

No biological limit allocated.

**Control Banding:**

No information available

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<b>Engineering Controls:</b>	Ensure adequate ventilation, especially in confined areas. Ventilation systems. Ensure that eyewash stations and safety showers are close to the workstation location. Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source.
<b>Individual Protection Measures, for example, Personal Protective Equipment (PPE):</b>	<i>Eye Protection:</i> Safety glasses with side-shields or goggles (European standard - EN 166) <i>Hand protection:</i> Protective gloves, natural rubber, nitrile rubber, neoprene, PVC (EN 374). Inspect gloves before use. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information). Ensure gloves are suitable for the task: Chemical compatibility, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Remove gloves with care avoiding skin contamination. <i>Skin and body protection:</i> Long sleeved clothing. <i>Respiratory protection:</i> Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. To protect the wearer, respiratory protective equipment (RPE) must be the correct fit and be used and maintained properly.
<b>Thermal Hazards:</b>	No information available.
<b>Hygiene Measures:</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Environmental Exposure Controls:</b>	No information available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**For Methyl Isonicotinate:

<b>Appearance:</b>	Amber - dark brown clear liquid
<b>Odour:</b>	Characteristic

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<b>Vapour Pressure:</b>	No data available
<b>Vapour Density:</b>	4.73 (Air = 1.0)
<b>Boiling Point:</b>	207-209°C at 760 mmHg
<b>Melting Point:</b>	8.5°C
<b>Solubility:</b>	No information available
<b>Density:</b>	1.161
<b>pH:</b>	No data available
<b>Flash Point:</b>	82°C
<b>Flammability:</b>	Not applicable, liquid
<b>Evaporation Rate:</b>	No data available
<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Explosive Properties:</b>	No information available. Explosive air/vapour mixtures possible
<b>Viscosity:</b>	No data available
<b>Oxidizing properties:</b>	No information available

<b>10. STABILITY AND REACTIVITY</b>
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<b>Reactivity:</b>	None known, based on information available.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions:</b>	None under normal processing. Hazardous polymerization - no information available.
<b>Conditions to Avoid:</b>	Incompatible products, Excess heat, Keep away from open flames, hot surfaces and sources of ignition.
<b>Incompatible Materials:</b>	Strong oxidizing agents, strong acids, strong bases.
<b>Hazardous Decomposition Products:</b>	Nitrogen oxides (NO <sub>x</sub> ), Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> )

**11. TOXICOLOGICAL INFORMATION**

<b>Acute Toxicity:</b>	No data available.
<b>Oral Toxicity:</b>	No data available.
<b>Dermal Toxicity:</b>	No data available.
<b>Inhalation Toxicity:</b>	No data available.
<b>Skin Corrosion/ Irritation:</b>	Category 2
<b>Serious Eye Damage/ Irritation:</b>	Category 2
<b>Respiratory or Skin Sensitisation:</b>	No data available.
<b>Germ Cell Mutagenicity:</b>	No data available.
<b>Carcinogenicity:</b>	No data available. There are no known carcinogenic chemicals in this product
<b>Reproductive Toxicity:</b>	No data available.
<b>Specific Target Organ Toxicity (STOT) – Single Exposure:</b>	Category 3
<b>Specific Target Organ Toxicity (STOT) – Repeated Exposure:</b>	No data available.
<b>Aspiration Hazard:</b>	No data available.
<b>Other Adverse Effects:</b>	The toxicological properties have not been fully investigated.



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### Symptoms and Health Effects Related to Exposure:

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Do not empty into drains.
<b>Persistence and Degradability:</b>	No information available
<b>Bioaccumulative Potential:</b>	No information available
<b>Mobility in Soil:</b>	No information available
<b>Other Adverse Effects:</b>	This product does not contain any known or suspected substance that may cause adverse effects

## 13. DISPOSAL CONSIDERATIONS

### Disposal Containers and Methods:

These dispensers can be manually gathered and disposed of with municipal rubbish. Empty containers and product should not be burnt.

## 14. TRANSPORT INFORMATION

<b>Transport Classification:</b>	This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail.
<b>UN Number:</b>	Not regulated
<b>Proper Shipping Name or Technical Name:</b>	Not regulated
<b>Transport Hazard Class:</b>	Not regulated
<b>Packing Group:</b>	Not regulated
<b>Environmental Hazards for Transport Purposes:</b>	No hazards identified





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**Special Precautions for User:** No special precautions required  
**Hazchem Code:** Not applicable

### 15. REGULATORY INFORMATION

**SUSMP:** Not scheduled

### 16. OTHER INFORMATION

**Trademark Information:** Lurem T is a Registered Trademark of AgNova Technologies Pty Ltd.

**Abbreviations and Acronyms:** ADG7 – Australian Dangerous Goods Code for Road and Rail Transport, 7<sup>th</sup> Edition  
APVMA – Australian Pesticides and Veterinary Medicines Authority  
GHS – Globally Harmonized System of Classification and Labelling of Chemicals  
SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons

**Date of Preparation or Revision:** June 2018.

**Reason for Revision:** Updated as 5 year review

**Data Sources:** Manufacturer product safety data and published data

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

The opinions expressed herein are those of qualified experts with the manufacturer. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of AgNova Technologies Pty Ltd, it is the user's obligation to determine the conditions of safe use of the product.

END OF SDS