



## SAFETY DATA SHEET

### Section 1 - Identification

<b>Product identifier</b>	<b>Lurem T Thrips Attractant</b>
<b>Other means of identification</b>	
<b>SDS No.</b>	792
<b>CAS number</b>	2459-09-8
<b>Recommended use of the chemical and restrictions on use</b>	
<b>Recommended use</b>	Insect attractant.
<b>Restrictions on use</b>	No other uses are advised. Keep out of the Reach of Children!

### Details of manufacturer or importer

#### Manufacturer

<b>Company name</b>	AgNova Technologies Pty Ltd
<b>Address</b>	Unit 4, 482 Kingsford Smith Drive Hamilton, Queensland 4007 Australia
<b>Telephone</b>	AgNova Technologies Pty Ltd 03 9899 8100 (office hours) Ltd
<b>Website</b>	agnova.com.au
<b>E-mail</b>	info@agnova.com.au
<b>Emergency phone number</b>	IXOM ERS 1800 033 111 (24 hours) Poisons Information Centre 13 11 26

### Section 2 - Hazard(s) identification

#### Classification of the hazardous chemical

<b>Physical hazards</b>	Flammable liquids	Category 4
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity following single exposure	Category 3 respiratory tract irritation

#### Label elements, including precautionary statements

##### Hazard symbol(s)



Exclamation  
mark

##### Signal word

Warning

##### Hazard statement(s)

Combustible liquid.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.

##### Precautionary statement(s)

###### Prevention

Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Avoid breathing vapours.  
Wash thoroughly after handling.

<b>Response</b>	<p>IF ON SKIN: Wash with plenty of water.          If skin irritation occurs: Get medical advice/attention.          Take off contaminated clothing and wash it before reuse.          IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.          If eye irritation persists: Get medical advice/attention.          IF INHALED: Remove person to fresh air and keep comfortable for breathing.          Call a POISON CENTRE/doctor if you feel unwell.          In case of fire: Use appropriate media to extinguish.</p>
<b>Storage</b>	Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Supplemental information</b>	This product is a thermoformed polymer membrane dispenser that contains an attractant (methyl isonicotinate), and with normal conditions of use, the risk of exposure to the aforementioned hazardous chemical is minimal.
<b>Other hazards which do not result in classification</b>	None known.

### Section 3 - Composition and information on ingredients

#### Substance

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
Methyl Isonicotinate	2459-09-8	> 95%

### Section 4 - First aid measures

#### Description of necessary first aid measures

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison centre or doctor/physician if you feel unwell.
<b>Skin contact</b>	Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Personal protection for first-aid responders</b>	Get medical attention if symptoms occur. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
<b>Symptoms caused by exposure</b>	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain.
<b>Medical attention and special treatment</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. Contact the Poison Information Centre (13 11 26 from anywhere in Australia) for further information (0800 764 766 in New Zealand).

### Section 5 - Firefighting measures

#### Extinguishing media

<b>Suitable extinguishing equipment</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing equipment</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	The product is combustible, and heating may generate vapours which may form explosive vapour/air mixtures. During fire, gases hazardous to health may be formed. Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Nitrogen oxides (NO <sub>x</sub> ).
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
<b>Hazchem code</b>	None.
<b>General fire hazards</b>	Combustible liquid.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

### Section 6 - Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

<b>For non-emergency personnel</b>	Avoid breathing vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.
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<b>For emergency responders</b>	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Ensure adequate ventilation. Avoid breathing vapours. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.
<b>Methods and materials for containment and cleaning up</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material.
	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.
	For waste disposal, see section 13 of the SDS.

## Section 7 - Handling and storage

<b>Precautions for safe handling</b>	Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Avoid breathing vapour. Avoid contact with eyes, skin, and clothing.
<b>Conditions for safe storage, including any incompatibilities</b>	Store locked up. Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Storage temperature: between 0 and 5 °C. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

## Section 8 - Exposure controls and personal protection

<b>Control parameters</b>	Follow standard monitoring procedures.
<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Exposure guidelines</b>	No exposure standards allocated.
<b>Control banding</b>	Not available.
<b>Engineering controls</b>	General ventilation normally adequate.
<b>Individual protection measures, such as personal protective equipment (PPE)</b>	
<b>Eye/face protection</b>	If contact is likely, safety glasses with side shields are recommended.
<b>Skin protection</b>	
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Other</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	No personal respiratory protective equipment normally required.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>Hygiene measures</b>	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## Section 9 - Physical and chemical properties

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid soaked pad in thermoformed polymer membrane dispenser.
<b>Colour</b>	Amber to brown.
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	8.5 °C (47.3 °F)
<b>Boiling point and boiling range</b>	207 - 209 °C (404.6 - 408.2 °F)
<b>Flash point</b>	82 °C (179.6 °F)
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower explosive limits</b>	
<b>Explosion limit - lower (%)</b>	Not available.
<b>Explosion limit - upper (%)</b>	Not available.

<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	4.73 (Air = 1)
<b>Relative density</b>	1.161
<b>Solubility</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient: n-octanol/water</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Particle characteristics</b>	Not available.
<b>Data relevant with regard to physical hazard classes</b>	No relevant additional information available.
<b>Other physical and chemical parameters</b>	
<b>Explosive properties</b>	Not explosive.
<b>Molecular formula</b>	C7H7NO2
<b>Molecular weight</b>	137.14 g/mol
<b>Oxidising properties</b>	Not oxidising.

## Section 10 - Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidising agents. Strong acids and bases.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## Section 11 - Toxicological information

### Information on possible routes of exposure

<b>Inhalation</b>	May cause irritation to the respiratory system.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Early onset symptoms related to exposure</b>	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain.
<b>Delayed health effects from exposure</b>	Not available.
<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitisation</b>	
<b>Respiratory sensitisation</b>	Not a respiratory sensitiser.
<b>Skin sensitisation</b>	This product is not expected to cause skin sensitisation.
<b>Germ cell mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	Not classifiable as to carcinogenicity to humans.
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity - single exposure</b>	May cause respiratory irritation.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not an aspiration hazard.

## Section 12 - Ecological information

<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous.
<b>Persistence and degradability</b>	No data is available on the degradability of this substance.
<b>Bioaccumulative potential</b>	No data available.
<b>Mobility in soil</b>	No data available.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## Section 13 - Disposal considerations

<b>Disposal methods</b>	Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product must be disposed on site or at an approved waste disposal facility. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Residual waste</b>	Dispose of in accordance with all applicable regulations.
<b>Contaminated packaging</b>	Used containers must be disposed on site or at an approved waste disposal facility.

## Section 14 - Transport information

<b>ADG</b>	Not regulated as dangerous goods.
<b>RID</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not established.

## Section 15 - Regulatory information

### Safety, health and environmental regulations

<b>National regulations</b>	This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals. No poison schedule number allocated.
<b>High Volume Industrial Chemicals (HVIC)</b>	Not listed.
<b>Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10, as amended)</b>	Not listed.
<b>National Pollutant Inventory (NPI) substance reporting list</b>	Not listed.
<b>Prohibited Carcinogenic Substances</b>	Not regulated.
<b>Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)</b>	Not listed.
<b>Restricted Carcinogenic Substances</b>	Not regulated.
<b>Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)</b>	Not listed.
<b>International regulations</b>	
<b>Stockholm Convention</b>	Not applicable.
<b>Rotterdam Convention</b>	Not applicable.
<b>Kyoto Protocol</b>	Not applicable.
<b>Montreal Protocol</b>	Not applicable.

**Basel Convention**

Not applicable.

**International Inventories**

<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**Section 16 - Any other relevant information**

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