

## SAFETY DATA SHEET

### Section 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name:</b>	<b>ALTRISSET<sup>®</sup> TERMITICIDE</b>
<b>Other Names:</b>	<b>Proper shipping name:</b> Environmentally Hazardous Substance, Liquid, N.O.S. (chlorantraniliprole) <b>Applicable only for marine and air transport</b>
	<b>Product code:</b> A16130A
<b>Recommended Use:</b>	For professional use only in the management of Subterranean Termites
<b>Company Details:</b>	<b>Syngenta Australia Pty Ltd</b> ABN 33 002 933 717
<b>Address:</b>	<b>Level 1, 2-4 Lyonpark Road</b> <b>Macquarie Park NSW 2113</b> <b>AUSTRALIA</b>
<b>Telephone Number:</b>	<b>(02) 8876 8444</b>
<b>Emergency Telephone Number:</b>	<b>24 hours - 1800 033 111</b>

### Section 2: HAZARDS IDENTIFICATION

<b>Hazard Classification:</b>	Not classified as a hazardous chemical according to the Australian criteria for the classification of chemicals
<b>Risk Phrases:</b>	—
<b>Safety Phrases:</b>	—

### Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

<b>SUBSTANCE</b>	
<b>Chemical Identity of Pure Substance:</b>	Chlorantraniliprole
<b>Synonym:</b>	SYN 545170
<b>CAS Number:</b>	500008-45-7

<b>MIXTURE</b>		
<b>Chemical Identity of Ingredients</b>	<b>CAS No</b>	<b>Proportion (% w/v)</b>
Chlorantraniliprole	500008-45-7	20
Other ingredients determined not to be hazardous	-	to 100

## Section 4: FIRST AID MEASURES

<b>Description of Necessary First Aid Measures:</b>	In case of poisoning by any exposure route contact a doctor or Poisons Information Centre on 131 126. Have the product label or SDS with you when calling or going for treatment.
<b>Ingestion:</b>	No specific intervention is indicated as the compound is not likely to be hazardous. Consult a doctor if necessary.
<b>Eye contact:</b>	No specific intervention is indicated as the compound is not likely to be hazardous. In case of eye contact immediately flush eye(s) with plenty of water. Consult a doctor if necessary
<b>Skin contact:</b>	The material is not likely to be hazardous by skin contact, but cleansing the skin after use is advisable.
<b>Inhalation:</b>	No specific intervention is indicated as the compound is not likely to be hazardous. Consult a doctor if necessary.
<b>Poisoning Symptoms:</b>	Poisoning symptoms in laboratory animals were non-specific.
<b>Medical Advice:</b>	There is no specific antidote available. Treat symptomatically

## Section 5: FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Use water spray, foam, dry chemical or carbon dioxide. DO NOT use high volume water jet.
<b>Hazards from Combustion Products:</b>	As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see Section 10). Exposure to decomposition products may be a hazard to health.
<b>Special Protective Precautions and Equipment for Fire Fighters:</b>	Wear full protective clothing and self-contained breathing apparatus.
<b>Further Information:</b>	Prevent fire extinguishing water from contaminating surface water or the ground water system. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For small fires, if area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers / tanks with water spray.

## Section 6: ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures:</b>	In case of spillage it is important to take all steps necessary to <ul style="list-style-type: none"> <li>• Avoid eye and skin contact</li> <li>• Avoid contamination of waterways</li> </ul>
<b>Methods and Materials for Containment and Clean Up:</b>	<b>Procedure for spill</b> <ol style="list-style-type: none"> <li>(1) Keep all bystanders away</li> <li>(2) Wear goggles, half face-piece respirator with combined dust and vapour cartridge, full length waterproof clothing and elbow-length PVC gloves</li> <li>(3) Reposition any leaking containers so as to minimise leakage.</li> <li>(4) Dam and absorb spill with an absorbent material (eg sand or soil)</li> <li>(5) Shovel the absorbed material into drums</li> <li>(6) Disposal of the absorbed material will depend upon the extent of the spill             <ul style="list-style-type: none"> <li>• For quantities up to 50 L of product bury in a secure landfill site</li> <li>• For quantities greater than 50 L seek advice from the manufacturer (use emergency contact number below) before attempting disposal. Contain in a secure location until disposal method is established</li> </ul> </li> <li>(7) Decontaminate spill area with detergent and water and rinse with the smallest volume of water practicable</li> </ol>

## Section 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling:</b>	No specific precautions are required.
<b>Conditions for Safe Storage:</b>	Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**ALWAYS READ AND FOLLOW THE LABEL INSTRUCTIONS AND WARNINGS**

<b>National Exposure Standards:</b> No exposure standard allocated				
<b>Syngenta Exposure Standards:</b>	<b>Component</b>	<b>Exposure limit</b>		<b>Value type</b>
	Chlorantraniliprole	Total dust	10 mg/m <sup>3</sup>	8, 12 h TWA
Respirable dust		5 mg/m <sup>3</sup>		
<b>Biological Limit Values:</b>	No biological limit allocated			
<b>Engineering Controls:</b>	Ensure adequate ventilation, especially in confined areas			
<b>Personal Protective Equipment:</b>	No special personal protective equipment is required			

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White semi-viscous liquid	<b>Specific gravity:</b>	1.094
<b>Odour:</b>	Alcohol like	<b>Viscosity, dynamic:</b>	583 mPa.s
<b>pH:</b>	7.8 at 10 g/L	<b>Flash point:</b>	>100°C
<b>Freezing/Melting Point:</b>	-6°C	<b>Upper and Lower Flammable (Explosive) Limits in Air:</b>	Not flammable
<b>Solubility:</b>	Slightly soluble	<b>Explosive properties:</b>	Not explosive

## Section 10: STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable at normal temperatures and storage conditions
<b>Conditions to Avoid:</b>	None known
<b>Incompatible Materials:</b>	None known
<b>Hazardous Decomposition Products:</b>	Nitrogen oxides, carbon monoxide and unidentified organic compounds may be formed upon combustion
<b>Hazardous Reactions:</b>	Polymerisation will not occur

## Section 11: TOXICOLOGICAL INFORMATION

<b>Health Effects from Likely Routes of Exposure:</b>		
<b>Acute:</b>	<b>Oral toxicity:</b>	<b>LOW TOXICITY</b> Tests on rats indicate this product has a low toxicity following single doses of undiluted product LD <sub>50</sub> = >5,000 mg/kg
	<b>Dermal toxicity:</b>	<b>LOW TOXICITY</b> Tests on rats indicate this product has a low toxicity following skin contact with undiluted product LD <sub>50</sub> = >5,000 mg/kg
	<b>Inhalation:</b>	<b>LOW TOXICITY</b> Tests on rats indicate this product is not harmful due to inhalation of undiluted product LC <sub>50</sub> (4 hours) = >2 mg/L
	<b>Skin irritation:</b>	<b>NON IRRITANT</b>
	<b>Eye irritation:</b>	<b>NON IRRITANT</b>
	<b>Sensitisation:</b>	<b>NOT A SENSITISER</b>
<b>Chronic:</b>	<b>Chlorantraniliprole technical</b> has been extensively tested on laboratory mammals and in test tube systems. No evidence was obtained of mutagenic, carcinogenic, teratogenic or reproductive effects.	

## Section 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	<p><b>Slightly toxic to fish</b> Bluegill sunfish (<i>Lepomis macrochirus</i>) LC<sub>50</sub> (96 hours) = &gt;9.9 mg/L</p> <p><b>Very highly toxic to aquatic invertebrates</b> Water flea (<i>Daphnia magna</i>) EC<sub>50</sub> (48 hours) = 35 µg/L</p> <p><b>Slightly toxic to algae</b> Green algae (<i>Pseudokirchneriella subcapitata</i>) ErC<sub>50</sub> (72 hours) = &gt;20 mg/L</p> <p><b>Highly toxic to bees</b> Bees (<i>Apis mellifera</i>) EC<sub>50</sub> (2 days) = &gt;0.1 mg/kg (contact) = &gt;0.1141 mg/kg (oral)</p>
<b>Persistence and Degradability:</b>	Chlorantraniliprole is not readily biodegradable
<b>Mobility:</b>	Chlorantraniliprole has medium mobility in soil
<b>Environmental Fate (Exposure):</b>	Chlorantraniliprole binds to soil
<b>Bioaccumulative Potential:</b>	Chlorantraniliprole does not bioaccumulate

## Section 13: DISPOSAL CONSIDERATIONS

<b>Disposal Methods and Containers:</b>	Triple or preferably pressure rinse containers before disposal. Add rinsings to the spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If no facility is available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with Local, State or Territory government regulations. DO NOT burn empty containers or product..
<b>Special Precautions for Landfill or Incineration:</b>	Not applicable

## Section 14: TRANSPORT INFORMATION

<b>LAND TRANSPORT ADG</b>	<b>Not a dangerous good in Australia</b>		
<b>UN Number:</b>	None allocated	<b>Packing Group:</b>	None allocated
<b>UN Proper Shipping Name:</b>	None allocated	<b>Special Precautions for User:</b>	None allocated
<b>Class:</b>	None allocated	<b>Hazchem Code:</b>	None allocated
<b>Subsidiary Risk:</b>	None allocated		

<b>SEA TRANSPORT</b> IMDG			
<b>UN Number:</b>	3082	<b>Subsidiary Risk:</b>	None allocated
<b>UN Proper Shipping Name:</b>	Environmentally Hazardous Substance, Liquid, N.O.S. (chlorantraniliprole)	<b>Packing Group:</b>	III
<b>Class:</b>	9	<b>Marine Pollutant:</b>	Marine pollutant

<b>AIR TRANSPORT</b> ICAO / IATA			
<b>UN Number:</b>	3082	<b>Subsidiary Risk:</b>	None allocated
<b>UN Proper Shipping Name:</b>	Environmentally Hazardous Substance, Liquid, N.O.S. (chlorantraniliprole)	<b>Packing Group:</b>	III
<b>Class:</b>	9		

### Section 15: REGULATORY INFORMATION

<b>APVMA Product Number:</b>	64594
<b>Poisons Schedule (SUSDP):</b>	Exempt

### Section 16: OTHER INFORMATION

<b>Date of preparation or last revision:</b> March 2013
<b>Source of Data:</b> The information provided in this SDS is sourced from Syngenta internal studies which have been conducted according to Regulatory requirements including OECD and CIPAC Guidelines and EC Directives. A comprehensive package of toxicological and environmental data for the active ingredients of this product has been submitted to the government health and environment authorities and has been evaluated by expert toxicologists and environmental scientists.
<b>Note: This product is a registered agricultural chemical and must, therefore, be used in accordance with the container label directions</b>
<b>CONTACT POINT:</b> Regulatory Affairs Manager, Syngenta Australia Pty Ltd (02) 8876 8444 <b>24 HOURS EMERGENCY CONTACT: 1800 033 111</b>
This Material Safety Data Sheet 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. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.
<b>DISCLAIMER</b> This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Syngenta's liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Syngenta shall have no liability.