

## SAFETY DATA SHEET

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

**Product Name:** ADVION ANT GEL

**Other Names:** **Product code:** A20377A

**Recommended Use:** For the control of Ants

**Company Details:** **Syngenta Australia Pty Ltd**  
ABN 33 002 933 717

**Address:** **Level 1, 2-4 Lyonpark Road**  
**Macquarie Park NSW 2113**  
**AUSTRALIA**

**Telephone Number:** (02) 8876 8444

**Emergency Telephone Number:** 24 hours - 1800 033 111

### Section 2: HAZARDS IDENTIFICATION

**Hazard Classification:** Classified as a hazardous chemical according to the Australian criteria for the classification of chemicals

**Risk Phrases:** R22 Harmful if swallowed  
R43 May cause sensitisation by skin contact

**Safety Phrases:** -

### Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

#### SUBSTANCE

**Chemical Identity of Pure Substance:** Indoxacarb

**Synonym:** NOA445432A, B12269781

**CAS Number:** 173584-44-6

#### MIXTURE

Chemical Identity of Ingredients	CAS No	Proportion (% w/w)
Indoxacarb	173584-44-6	0.05
Other ingredients determined not to be hazardous	-	to 100

## Section 4: FIRST AID MEASURES

<b>Description of Necessary First Aid Measures:</b>	<p>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.</p> <p><b>Ingestion:</b> If swallowed, seek medical advice immediately and show this container or label. <b>DO NOT</b> induce vomiting.</p> <p><b>Eye contact:</b> Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.</p> <p><b>Skin contact:</b> Take off all contaminated clothing immediately. Wash off immediately with plenty of water. If skin irritation persists, call a doctor. Wash contaminated clothing before re-use.</p> <p><b>Inhalation:</b> Move the victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Keep patient warm and at rest. Call a doctor or Poison Information Centre immediately.</p>
<b>Poisoning Symptoms:</b>	No information available
<b>Medical Advice:</b>	There is no specific antidote available. Treat symptomatically

## Section 5: FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	<p><b>Small fires</b>          Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.</p> <p><b>Large fires</b>          Use alcohol-resistant foam or water spray.  <b>DO NOT</b> use a solid water stream as it may scatter and spread fire.</p>
<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>	<b>DO NOT</b> allow runoff from firefighting to enter drains or water courses. Cool closed containers exposed to fire 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 full length clothing and PVC gloves</li> <li>(3) Reposition any leaking containers so as to minimise leakage</li> <li>(4) Sweep spilt material into a pile</li> <li>(5) Shovel into drums</li> <li>(6) Disposal of material will depend upon the extent of the spill           <ul style="list-style-type: none"> <li>• For quantities up to 50 kg of product bury in a secure landfill site</li> <li>• For quantities greater than 50 kg 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>	Wash hands after use
<b>Conditions for Safe Storage:</b>	Store in the closed, original container in a cool, well ventilated locked place out of the reach of children. DO NOT store in direct sunlight and DO NOT store at temperatures exceeding 35°C.

## 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>Biological Limit Values:</b>	No biological limit allocated
<b>Engineering Controls:</b>	None specified
<b>Personal Protective Equipment:</b>	No personal protective equipment is specified, however, avoid contact with skin, eyes and clothing.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Off white, opaque gel	<b>Upper and Lower Flammable (Explosive) Limits in Air:</b>	Not flammable
<b>Odour:</b>	Very faint	<b>Explosive Properties:</b>	Not explosive
<b>pH:</b>	7.2 (1% solution in water)	<b>Oxidising Properties:</b>	Not oxidising
<b>Solubility:</b>	Water soluble	<b>Combustibility:</b>	Does not sustain combustion
<b>Density:</b>	1.15-1.24 g/mL at ca 85°C		

## Section 10: STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable at normal temperatures and storage conditions
<b>Conditions to Avoid:</b>	Temperatures <3°C. Protect from frost
<b>Incompatible Materials:</b>	None known
<b>Hazardous Decomposition Products:</b>	Combustion or thermal decomposition will evolve toxic and irritant vapors
<b>Hazardous Reactions:</b>	None known. Hazardous polymerisation does 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>VERY TOXIC / TOXIC / HARMFUL / 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 active ingredient LC <sub>50</sub> (4 h) = >5.5 mg/L air
	<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>Indoxacarb technical</b> has been extensively tested on laboratory mammals and in test tube systems. No evidence was obtained of mutagenic or carcinogenic effects. Experiments have shown teratogenic and reproductive effects on laboratory animals.	

## Section 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	<p><b>Highly toxic to fish</b>  <math>LC_{50}</math> (96 hours) = 0.65 mg/L Rainbow trout (<i>oncorhynchus mykiss</i>)</p> <p><b>Highly toxic to aquatic invertebrates</b>  <math>EC_{50}</math> (48 hours) = 0.6 mg/L Water flea (<i>Daphnia magna</i>)</p> <p><b>Practically non toxic to aquatic plants</b>  <math>EC_{50}</math> (14 days) = &gt;84.3 mg/L Duckweed (<i>Lemna gibba</i>)</p>
<b>Persistence and Degradability:</b>	<p>Indoxacarb is not readily biodegradable          This mixture contains no substance considered to be persistent (PBT)          This mixture contains no substance considered to be persistent (PBT) or very persistent (vPvB)</p>
<b>Mobility:</b>	<p>Indoxacarb is slightly mobile in soils</p>
<b>Environmental Fate (Exposure):</b>	<p>No data available</p>
<b>Bioaccumulative Potential:</b>	<p>Indoxacarb has a low bioaccumulation potential          This mixture contains no substance considered to be bioaccumulating nor toxic (PBT)          This mixture contains no substance considered to be very bioaccumulating (vPvB)</p>

## Section 13: DISPOSAL CONSIDERATIONS

<b>Disposal Methods and Containers:</b>	<p>Dispose of empty container by wrapping in paper, placing in plastic bag and putting in the garbage.</p>
<b>Special Precautions for Landfill or Incineration:</b>	<p>Not applicable</p>

## Section 14: TRANSPORT INFORMATION

<b>LAND TRANSPORT</b>		Not a dangerous good	
ADG			
<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>		Not a dangerous good	
IMDG			
<b>UN Number:</b>	None allocated	<b>Subsidiary Risk:</b>	None allocated
<b>UN Proper Shipping Name:</b>	None allocated	<b>Packing Group:</b>	None allocated
<b>Class:</b>	None allocated	<b>Marine Pollutant:</b>	None allocated

<b>AIR TRANSPORT</b> ICAO / IATA	Not a dangerous good		
<b>UN Number:</b>	None allocated	<b>Subsidiary Risk:</b>	None allocated
<b>UN Proper Shipping Name:</b>	None allocated	<b>Packing Group:</b>	None allocated
<b>Class:</b>	None allocated		

**Section 15: REGULATORY INFORMATION**

<b>APVMA Product Number:</b>	62690
<b>Poisons Schedule (SUSDP):</b>	Schedule 5

**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:</b> This product is a registered agricultural chemical and must, therefore, be used in accordance with the container label directions
<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.

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