

SAFETY DATA SHEET

Section 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: ADVION COCKROACH GEL

Other Names: Product code: A20379B

Recommended Use: For the control of Cockroaches

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	0.6
Other ingredients determined not to be hazardous	-	to 100

Section 4: FIRST AID MEASURES

Description of Necessary First Aid Measures:	<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>Ingestion: If swallowed, seek medical advice immediately and show this container or label. DO NOT induce vomiting.</p> <p>Eye contact: 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>Skin contact: 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>Inhalation: 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>
Poisoning Symptoms:	No information available
Medical Advice:	There is no specific antidote available. Treat symptomatically

Section 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	<p>Small fires Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.</p> <p>Large fires Use alcohol-resistant foam or water spray. DO NOT use a solid water stream as it may scatter and spread fire.</p>
Hazards from Combustion Products:	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.
Special Protective Precautions and Equipment for Fire Fighters:	Wear full protective clothing and self-contained breathing apparatus.
Further Information:	DO NOT allow runoff from firefighting to enter drains or water courses. Cool closed containers exposed to fire with water spray.

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures:	In case of spillage it is important to take all steps necessary to <ul style="list-style-type: none"> • Avoid eye and skin contact • Avoid contamination of waterways
Methods and Materials for Containment and Clean Up:	Procedure for spill <ol style="list-style-type: none"> (1) Keep all bystanders away (2) Wear full length clothing and PVC gloves (3) Reposition any leaking containers so as to minimise leakage (4) Sweep spilt material into a pile (5) Shovel into drums (6) Disposal of material will depend upon the extent of the spill <ul style="list-style-type: none"> • For quantities up to 50 kg of product bury in a secure landfill site • 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 (7) Decontaminate spill area with detergent and water and rinse with the smallest volume of water practicable

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling:	Wash hands after use
Conditions for Safe Storage:	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

National Exposure Standards:	No exposure standard allocated
Biological Limit Values:	No biological limit allocated
Engineering Controls:	None specified
Personal Protective Equipment:	No personal protective equipment is specified, however, avoid contact with skin, eyes and clothing.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown gel	Flashpoint	>100°C
Odour:	Slight	Upper and Lower Flammable (Explosive) Limits in Air:	Not flammable
pH:	5.4	Explosive Properties:	Not explosive
Density:	1.123 g/mL at 22°C		

Section 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable at normal temperatures and storage conditions
Conditions to Avoid:	Temperatures <3°C. Protect from frost
Incompatible Materials:	None known
Hazardous Decomposition Products:	Combustion or thermal decomposition will evolve toxic and irritant vapours
Hazardous Reactions:	None known. Hazardous polymerisation does not occur

Section 11: TOXICOLOGICAL INFORMATION

Health Effects from Likely Routes of Exposure:		
Acute:	Oral toxicity:	LOW TOXICITY Tests on rats indicate this product has a low toxicity following single doses of undiluted product LD ₅₀ = >5,000 mg/kg
	Dermal toxicity:	VERY TOXIC / TOXIC / HARMFUL / LOW TOXICITY Tests on rats indicate this product has a low toxicity following skin contact with undiluted product LD ₅₀ = >5,000 mg/kg
	Inhalation:	LOW TOXICITY Tests on rats indicate this product is not harmful due to inhalation of active ingredient LC ₅₀ (4 h) = >5.5 mg/L air
	Skin irritation:	NON IRRITANT
	Eye irritation:	NON IRRITANT
	Sensitisation:	NOT A SENSITISER
Chronic:	Indoxacarb technical 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

Ecotoxicity:	<p>Highly toxic to fish LC_{50} (96 hours) = 0.65 mg/L Rainbow trout (<i>Oncorhynchus mykiss</i>)</p> <p>Highly toxic to aquatic invertebrates EC_{50} (48 hours) = 0.6 mg/L Water flea (<i>Daphnia magna</i>)</p> <p>Practically non toxic to aquatic plants EC_{50} (14 days) = >84.3 mg/L Duckweed (<i>Lemna gibba</i>)</p>
Persistence and Degradability:	Indoxacarb is not readily biodegradable Indoxacarb is not considered to be persistent (PBT) or very persistent (vPvB)
Mobility:	Indoxacarb is slightly mobile in soils
Environmental Fate (Exposure):	No data available
Bioaccumulative Potential:	Bluegill Sunfish (<i>Lepomis macrochirus</i>) = 950.3 (21 days) Indoxacarb is not considered to be bioaccumulating nor toxic (PBT) Indoxacarb is not considered to be very bioaccumulating (vPvB)

Section 13: DISPOSAL CONSIDERATIONS

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

Section 14: TRANSPORT INFORMATION

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

SEA TRANSPORT IMDG	Not a dangerous good		
UN Number:	None allocated	Subsidiary Risk:	None allocated
UN Proper Shipping Name:	None allocated	Packing Group:	None allocated
Class:	None allocated	Marine Pollutant:	None allocated

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

Section 15: REGULATORY INFORMATION

APVMA Product Number:	60126
Poisons Schedule (SUSDP):	Schedule 5

Section 16: OTHER INFORMATION

Date of preparation or last revision: March 2013
Source of Data: 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.
Note: This product is a registered agricultural chemical and must, therefore, be used in accordance with the container label directions
CONTACT POINT: Regulatory Affairs Manager, Syngenta Australia Pty Ltd (02) 8876 8444 24 HOURS EMERGENCY CONTACT: 1800 033 111
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.
DISCLAIMER 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.