

Safety Data Sheet

Genoxy® 240SC

23rd February, 2017

1) Identification of Substance:		
Product name:	Genoxy 240SC	
Active Ingredient(s):	240g/litre methoxyfenozone	
ACVM Approval:	P8627	
EPA Approval:	HSR100822	
Distributed by:	Adria Crop Protection P.O. Box 535, Kumeu 0841, Auckland Ph: 09-412-9817 Fax: 09-412-9807 www.adria.nz	
Emergency Number:	National Poisons Centre. 0800 POISON 0800 764 766	
2) Hazards Identification:		
HSNO Classifications:	6.3B, 6.4A, 6.5B, 6.9B, 9.1B	
3) Composition Details:		
Chemical identity:	Methoxyfenozone	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Methoxyfenozone	161050-58-4	240
4) First Aid Measures:		
General Information:	May be harmful to aquatic organisms	
Skin contact:	Immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash affected areas immediately with soap and water. Do not rub skin. Wash contaminated clothing before re-use. If a large area is affected or if irritation persists seek medical assistance.	
Eye contact:	Flush eyes immediately and continue for at least 15 minutes. May cause slight irritation. Seek medical assistance immediately should irritation persist.	
Ingestion:	Do NOT induce vomiting if swallowed unless advised otherwise by a physician. Never give anything by mouth to a person who is unconscious or having convulsions. Wash mouth with water and seek medical attention immediately. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or seek medical attention immediately.	

Inhalation:	Remove patient to fresh air. If breathing is shallow or has stopped, ensure airway is clear and apply resuscitation. Seek medical assistance.
Further Information:	Treatment: No known specific antidote. Treat symptomatically and supportively (decontamination, vital functions).
5) Fire-Fighting Measures:	
Specific hazards:	Thermal decomposition generates: carbon dioxide, carbon monoxide, nitrogen oxide, sulfur oxide, sulfides.
Extinguishing media and methods:	Dry chemical, carbon dioxide, water fog or fine spray, alcohol resistant foam.
Recommended protective clothing:	Wear SCBA and appropriate chemical-protective clothing. Use self-contained breathing apparatus.
Hazchem Code:	2X
6) Accidental Release Measures:	
Personal precautions:	Use appropriate clothing and eye/face protection. Avoid contact with skin, eyes and clothing. Remove contaminated clothes and shoes immediately.
Environmental precautions:	Cover or dyke spill and prevent spreading. Do not discharge into drains/surface waters/groundwater or into subsoil/soil. If spillage enters water course or drainage system, advise the water authorities.
Spill procedures:	Absorb spills with inert material and place in waste containers. Prevent material from entering waterways. Wash area with water and absorb with further inert material.
Disposal procedures:	Dispose of waste safely in appropriate containers, according to local Council regulations.
7) Handling & Storage:	
Handling:	Avoid skin and eye contact and inhalation of spray mist or fumes. Ensure adequate ventilation. Cleaning water should be disposed of in appropriate manner. Wash hands and exposed after handling the product and before breaks. Do not eat, drink or smoke during use. Wash contaminated clothing before re-use.
Storage:	Store in the original, unopened container in a cool, dry, well-ventilated place, out of direct sunlight and away from pharmaceuticals, cosmetics, fertilizers, stockfeed, foodstuffs or children.

8) Exposure Control / Personal Protection:	
Engineering measures:	
Respiratory protection:	Wear respiratory protection if ventilation is inadequate. Use particle filter with medium efficiency for solid and liquid particles.
Eye protection:	Wear safety goggles with side-shields. Chemical goggles are recommended where contact with the liquid is likely to occur.
Hand protection:	Wear suitable chemical resistant safety gloves (e.g. nitrile rubber (.4mm)).
Other protective equipment:	Body protection (chemical protection suit, boots) must be chosen depending on activity and possible exposure.
General Safety & Hygiene measures:	Keep away from food, drink and animal feedstuffs. No eating, drinking or smoking during use and wash hands and face before breaks and after work.
9) Physical & Chemical Properties:	
Form:	Liquid (Suspension Concentrate)
Colour:	Off white
Odour:	Characteristic
Melting point/boiling point:	204–206.6 °C (Methoxyfenozide technical material)
Density:	0.973 g/L
Surface tension:	NA
pH:	6.9
Flash point:	Not flammable
Ignition Temperature:	NA
Explosive Limits:	NA
10) Stability & Reactivity:	
Conditions to avoid:	Extreme temperatures
Materials to avoid:	Strong oxidizing agents
Hazardous reactions:	None under normal storage and use conditions. (Thermal decomposition generates: carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxide, sulfides.
11) Toxicological Information: Methoxyfenozide technical material	
Acute oral toxicity:	LD ₅₀ : > 5 000 mg/kg , rat.
Acute inhalation toxicity:	4 h LD ₅₀ : > 4,3 mg/l , rat.
Acute dermal toxicity:	LD ₅₀ : > 5 000 mg/kg , rat.
Skin irritation:	Slight irritation, rabbit
Eye irritation:	Not an irritant, rabbit.
Sensitisation:	Animal test did not cause sensitization by skin contact, guinea pig.

12) Ecological Information: Methoxyfenozide technical material	
Acute fish toxicity:	LC ₅₀ (96 h) for sheepshead minnow >2.8, fathead minnow >3.8, bluegill sunfish >4.3, rainbow trout >4.2 mg/l
Toxicity for daphnia:	LC ₅₀ (48 h) 3.7 mg/l
Toxicity to algae:	EC ₅₀ (96 and 120 h) for Selenastrum >3.4 mg/l.
13) Disposal Considerations:	
Disposal: 	Material is expected to be harmful to aquatic organisms. When emptying container, triple rinse and add remaining material to spray tank. Return the empty container to an AgRecovery collection point for disposal.
Empty container precautions:	Avoid contaminating any water supply with the chemical or empty container.
14) Transportation Information:	
Rail/road (RID/ADR):	Not regulated
Sea (IMDG code):	Not regulated
Air (ICAO/IATA):	Not regulated
15) Regulatory Information:	
Approved handlers:	This product must be under the care of an approved handler during wide dispersive use or when used by a commercial contractor.
ACVM controls:	See www.foodsafety.govt.nz for registration conditions.
16) Other Information:	
<p>For proper and safe use of this product, please refer to the approval conditions laid down on the product label.</p> <p>The data contained in this safety data sheet is based on our current knowledge and describes the product only with regard to safety requirements. The data does not describe the product's properties. Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any existing laws and legislation are observed.</p>	