

Safety Data Sheet




Monelo 90WG

Date of issue: 30th March, 2011

1) Identification of Substance:		
Product name:	Monelo 90WG	
Active Ingredient(s):	900g/kg terbuthylazine	
ACVM Approval:	P7827	
ERMA Approval:	HSR000388	
Distributed by:	Adria Crop Protection P.O. Box 535 Kumeu 1250, Auckland Ph: 09-412-9817 Fax: 09-412-9807 www.adriacp.co.nz	
Emergency Number:	National Poisons Centre 0800 POISON 0800 764 766	
2) Hazards Identification:		
HSNO Classifications:	6.1D, 9.1A, 9.2A, 9.3C	
Risk and safety phrases:		
3) Composition Details:		
Chemical identity:	Terbuthylazine	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Terbuthylazine	5915-41-3	90%
4) First Aid Measures:		
General Information:		
Skin contact:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if ill effect or irritation develops.	
Eye contact:	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persist.	
Ingestion:	If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or a doctor immediately.	
Inhalation:	Assure fresh air breathing. Rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical advice.	

Further Information:	Treatment: Treat according to symptoms (decontamination, vital functions). No known specific antidote.
5) Fire-Fighting Measures:	
Specific hazards:	Hazardous decomposition products.
Extinguishing media and methods:	Dry chemical extinguisher, foam, carbon dioxide or waterspray (do not use direct jet of water).
Recommended protective clothing:	Wear SCBA and chemical-protective clothing.
6) Accidental Release Measures:	
Personal precautions:	Use protective clothing. Avoid contact with skin, eyes and clothing. Remove contaminated clothes and shoes immediately.
Environmental precautions:	Do not discharge into drains/surface waters/groundwater. Do not discharge into the subsoil/soil.
Spill procedures:	Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material.
Disposal procedures:	Dispose of waste safely, according to local Council regulations.
7) Handling & Storage:	
Handling:	Avoid contact with skin and eyes. Ventilation required. Keep away from: sparks, open flame and direct sunlight.
Storage:	Keep away from heat and protect from sunlight. Protect against freezing.
8) Exposure Control / Personal Protection:	
Engineering measures:	
Respiratory protection:	Wear respiratory protection if ventilation is inadequate. Particle filter with medium efficiency for solid and liquid particles.
Eye protection:	Safety goggles with side-shields.
Hand protection:	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. Wash hands and face before breaks and after work.

9) Physical & Chemical Properties:	
Form:	Water dispersable granule
Colour:	White
Odour:	Characteristic
Melting point/boiling point:	> 150 °C
Density:	± 600 g/L
Surface tension:	N/A
pH:	9,41
Flash point:	N/A
Ignition Temperature:	N/A
Explosive Limits:	N/A
Viscosity:	N/A
Other Data:	N/A
10) Stability & Reactivity:	
Conditions to avoid:	Temperature extremes.
Materials to avoid:	Oxidising agents, acids and alkalis.
Hazardous reactions:	None.
11) Toxicological Information:	
Acute oral toxicity:	LD ₅₀ 1590–2000 mg/kg
Acute inhalation toxicity:	LC ₅₀ (4 h) for rats >5.3 mg/l air
Acute dermal toxicity:	LD ₅₀ for rats >2000 mg/kg
Skin irritation:	Not an irritant.
Eye irritation:	Not an irritant.
Sensitisation:	Not a sensitizer.
12) Ecological Information:	
Acute fish toxicity:	LC ₅₀ (96 h) for rainbow trout 3.8–4.6, bluegill sunfish 7.5, carp and catfish 7.0 mg/L.
Toxicity for daphnia:	LC ₅₀ (48 h) 21–50.9 mg/l.
Toxicity to algae:	EC ₅₀ (72 h) for <i>Scenedesmus subspicatus</i> 0.016–0.024 mg/l.
13) Disposal Considerations:	
Disposal:	Triple rinse packaging and add residue to spray tank. Burn in an appropriate incinerator if circumstances, especially wind direction permit, otherwise bury in landfill. Avoid contamination of any water supply with chemical or empty container.
Empty container precautions:	Avoid contamination of any water supply with chemical or empty container.

14) Transportation Information:	
Rail/road (RID/ADR):	<p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Terbuthylazine) Class 9 Packing group III UN: 3077</p> 
Sea (IMDG code):	<p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Terbuthylazine) Class 9 Packing group III UN: 3077 Marine Pollutant</p> 
Air (ICAO/IATA):	<p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Terbuthylazine) Class 9 Packing group III UN: 3077</p> 
15) Regulatory Information:	
Approved handlers:	This product must be under the care of an approved handler during use.
Tracking:	-
ACVM controls:	See www.nzfsa.govt.nz/acvm/ for registration conditions.