


Material Safety Data Sheet

Ventura[®]

Date of issue: 7th July, 2009

1) Identification of Substance:		
Product name:	Ventura	
Active Ingredient(s):	250g/L metalaxyl	
ACVM Approval:	P7841	
ERMA Approval:	HSR008040	
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:	3.1D, 6.1D, 6.3A, 6.4A, 6.5B, 6.8A, 6.9A, 9.1C, 9.3C	
Risk and safety phrases:		
3) Composition Details:		
Chemical identity:	Metalaxyl	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Metalaxyl	57837-19-1	25 %
DMF	68-12-2	> 20 %
N-methyl pyrrolidone	872-50-4	± 10 %
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:	High temperature may liberate toxic gases. Nitrogen oxides. Halogens. Carbon monoxide. Carbon dioxide.
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:	Liquid
Colour:	Light brown
Odour:	Characteristic
Melting point/boiling point:	> 100 °C
Density:	± 1 000 g/L
Surface tension:	N/A
pH:	8 – 9
Flash point:	± 70 °C
Ignition Temperature:	N/A
Explosive Limits:	Not determined
Viscosity:	N/A
Other Data:	
10) Stability & Reactivity:	
Conditions to avoid:	Temperature extremes
Materials to avoid:	Strong oxidising agents
Hazardous reactions:	Vapour are flammable
11) Toxicological Information:	
Acute oral toxicity:	LD ₅₀ > 600 mg/kg
Acute inhalation toxicity:	LC ₅₀ > 2 000 mg/L
Acute dermal toxicity:	LD ₅₀ > 3 000 mg/kg
Skin irritation:	Metalaxyl is not a skin irritant
Eye irritation:	Metalaxyl is a slight eye irritant
Sensitisation:	Should not cause sensitisation under normal conditions of storage and use
12) Ecological Information:	
Acute fish toxicity:	LC ₅₀ rainbow trout > 100 mg/L (96 hr)
Toxicity for daphnia:	LC ₅₀ > 48 mg/L (48 hr)
Toxicity to algae:	IC ₅₀ 33 mg/L (5 d)
13) Disposal Considerations:	
Disposal: 	Triple rinse container and add residue to spray tank. Return empty container to an AgRecovery collection point for disposal.
Empty container precautions:	Avoid contamination of any water supply with 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:	-
Tracking:	-
ACVM controls:	See www.nzfsa.govt.nz/acvm/ for registration conditions.