

Safety Data Sheet

Curator[®]

Date of issue: 30th March, 2011

1) Identification of Substance:		
Product name:	Curator	
Active Ingredient(s):	462g/kg prochloraz	
ACVM Approval:	P7738	
ERMA Approval:	HSR007983	
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, 6.3A, 8.3A, 6.9B, 9.1A, 9.3C	
Risk and safety phrases:		
3) Composition Details:		
Chemical identity:	Prochloraz	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/w)
Prochloraz Mn complex	67747-09-5	46.2 %
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.
Extinguishing media and methods:	Water. Foam. Carbon dioxide. Dry chemical. Use extinguishing media appropriate for surrounding fire.
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:	Powder
Colour:	Off-white
Odour:	Characteristic
Melting point/boiling point:	N/A
Density:	± 0,3 kg/L
Surface tension:	N/A
pH:	6.5
Flash point:	Not readily combustible
Ignition Temperature:	N/A
Explosive Limits:	N/A
Viscosity:	N/A
Other Data:	N/A
10) Stability & Reactivity:	
Conditions to avoid:	Stable under normal conditions.
Materials to avoid:	None known.
Hazardous reactions:	None known.
11) Toxicological Information:	
Acute oral toxicity:	LD50 for rats 1023, mice 1600-2400 mg/kg for prochloraz.
Acute inhalation toxicity:	LC50 (4 h) for rats >2.16 mg/l air for prochloraz.
Acute dermal toxicity:	Acute percutaneous LD50 for rats >2100 mg/kg for prochloraz.
Skin irritation:	Not irritating to skin.
Eye irritation:	Slight eye irritation (rabbits).
Sensitisation:	Should not cause sensitization under normal use.
12) Ecological Information:	
Acute fish toxicity:	LC50 (96 h) for rainbow trout 1.5, bluegill sunfish 2.2 mg/l for prochloraz.
Toxicity for daphnia:	LC50 (48 h) 4.3 mg/l for prochloraz.
Toxicity to algae:	EbC50 (72 h) for Selenastrum capricornutum 0.1 mg/l; ErC50 1.54 mg/l.
13) Disposal Considerations:	
Disposal:	Triple rinse container and add residue to spray tank. Crush empty packaging and bury in approved landfill.
Empty container precautions:	Avoid contamination of any water supply with chemical or empty container.

14) Transportation Information:

Rail/road (RID/ADR):

ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, SOLID, N.O.S. (Prochloraz)
Class 9
Packing group III
UN: 3077



Sea (IMDG code):

ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, SOLID, N.O.S. (Prochloraz)
Class 9
Packing group III
UN: 3077



Air (ICAO/IATA):

ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, SOLID, N.O.S. (Prochloraz)
Class 9
Packing group III
UN: 3077

**15) Regulatory Information:**

Approved handlers:

This product must be under the care of an
approved handler during use.

Tracking:

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ACVM controls:

See www.nzfsa.govt.nz/acvm/ for registration
conditions.