


Safety Data Sheet

Cypro 200SC

1) Identification of Substance:	
Product name:	Cypro 200SC
Active Ingredient(s):	200g/litre cyproconazole
ACVM Approval:	P9401
EPA Approval Code:	HSR101190
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 and Hazchem Information Centre	0800 734 607 (24hr)3 0800 POISON (0800 764 766)
2) Hazards Identification:	
	
HSNO Classifications:	6.1D (O), 6.3B, 6.8B, 6.9B, 9.1A, 9.3C
Signal Word:	Warning
Hazard Statement Codes	
H302	Harmful if swallowed.
H316	Causes mild skin irritation.
H361	Suspected of damaging fertility or the unborn child.
H371/H373	May cause damage to organs through single, prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.
H433	Harmful to terrestrial vertebrates
Prevention Statement Codes:	
P102	Keep out of reach of children.
P103	Read label before use.
P264	Wash body thoroughly after handling.

P270	Do not eat, drink, or smoke when using this product.
P260	Do not breathe fumes, mist or spray.
P201/P202/P281	Suspected teratogen: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
P273	Avoid release to the environment.
Response Statement Codes:	
P101	If medical advice is needed have product container or label at hand.
P301 + P312	IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P332 + P313	If skin irritation occurs: Get medical advice/attention
P308 + P313/ P309 + P311/P314	IF exposed or concerned or if you feel unwell: Call a POISON CENTRE or doctor/physician.
P391	Collect spillage.
Storage Statement Codes:	
P405	Store locked up.

3) Composition Details:


Chemical identity:	Cyproconazole	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (w/v)
Cyproconazole	94361-06-5	20%



4) First Aid Measures:

General Information:	IF exposed or concerned or if you feel unwell: Call a POISON CENTRE or doctor/physician. Remove contaminated clothing and footwear and wash before reuse.
Skin contact:	Immediately flush body and clothes with large amounts of water. Wash affected areas with soap and water. Seek medical attention.
Eye contact:	Flush eyes immediately and continue for at least 15 minutes. Seek medical attention.
Ingestion:	IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell. Rinse mouth.

Inhalation:	Remove patient to fresh air. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance soon if irritation persists.
Treatment:	Treat according to symptoms (decontamination, vital functions), no known specific antidote.
5) Fire-Fighting Measures:	
Specific hazards:	During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.
Extinguishing media and methods:	Small fire: Dry chemical, foam, sand. Large fire: Foam. Water spray. Water fog, foam, sand. Do not use a heavy water stream. Surrounding fires: Use water spray or fog for cooling exposed containers.
Recommended protective clothing:	Wear SCBA and chemical-protective clothing.
HAZCHEM Code:	3Z
6) Accidental Release Measures:	
Personal precautions:	Avoid contact with skin, eyes and clothing. Remove contaminated clothes and shoes immediately and wash before reuse.
Environmental precautions:	Do not discharge into drains/surface waters/groundwater. Do not discharge into the subsoil/soil.
Spill procedures:	Wear appropriate protective clothing as per Section 8). 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:	Use protective clothing as per Section 8). Do not eat drink or smoke when handling this product. Ensure adequate ventilation. Cleaning water should be disposed of in appropriate manner. Suspected teratogen. Females of child-bearing age should avoid contact: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
Storage:	Store in original container tightly closed, locked, cool, dry, ventilated area away from foodstuffs, fertilisers and seeds. Protect from extreme temperatures. Keep out of reach of children. Refer to the current standard NZS8409 Management of Agrichemicals.
8) Exposure Control / Personal Protection:	
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.
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:	Avoid contact with skin and eyes and inhalation of fumes or spray mist. When mixing or applying, wear protective clothing, including face shield, impervious gloves and footwear. If clothing becomes contaminated with product, remove clothing immediately. DO NOT eat, drink or smoke while using. Wash hands and exposed skin thoroughly with soap and water before meals and after work. Wash protective clothing daily after work. Suspected teratogen. Females of child-bearing age should avoid contact: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
9) Physical & Chemical Properties:	
Form:	Liquid, Suspension concentrate
Colour:	White
Odour:	Characteristic
Melting point/boiling point:	106.2-106.9°C; >250°C/760 mmHg (based on active ingredient)
Density:	1.017
Surface tension:	Not available
pH:	6-9
Flash point:	>360°C (based on active ingredient)
Ignition Temperature:	Not available
Explosive Limits:	Not available
10) Stability & Reactivity:	
Conditions to avoid:	Heat and light.
Materials to avoid:	Strong bases, acids and oxidising agents.
Hazardous reactions:	None known.
11) Toxicological Information:	
Acute oral toxicity:	LD ₅₀ >2,000 mg/kg (Rat)
Acute inhalation toxicity:	LC ₅₀ >4.86 mg/L (Rat)
Acute dermal toxicity:	LD ₅₀ >5,000 mg/kg (Rat)
Skin irritation:	May cause irritation
Eye irritation:	Mild irritant
Sensitisation:	Not a sensitiser
12) Ecological Information (Based on the active ingredient):	
Acute bird toxicity:	Acute oral LD ₅₀ for bobwhite quail 131 mg/kg. Dietary LC ₅₀ (5 d) for bobwhite quail 856, mallard ducks 851 mg/kg diet.
Acute fish toxicity:	LC ₅₀ (96 h) for carp 20, trout 19, bluegill sunfish 21 mg/L.
Toxicity for daphnia:	LC ₅₀ (48 h) >26 mg/L
Toxicity to algae:	EC ₅₀ (96 h) for <i>Scenedesmus subspicatus</i> 0.077 mg/L.
Toxicity to worms:	LC ₅₀ (14 d) 335 mg/kg dry soil.
Toxicity to bees:	LD ₅₀ >1000 µg/bee (oral – 24 h); >100 µg/bee (contact – 24 h)

13) Disposal Considerations:	
Disposal: 	Triple rinse packaging and add residue to spray tank. Take empty container to an AgRecovery depot for disposal.
Empty container precautions:	Avoid contamination of any water supply with chemical or empty container.

14) Transportation Information:	
 	
Rail/road (RID/ADR):	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYPROCONAZOLE SOLUTION) CLASS 9, PACKING GRP III UN: 3082 Hazchem Code: 3Z
Air (ICAO/IATA):	
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15) Regulatory Information:	
Certified handlers:	This product must be under the care of an Qualified Person.
Record keeping:	Records of use must be kept.
Tracking:	No.
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>