

Safety Data Sheet



Picture[®] 100SC



Date of issue: 30th March, 2011

1) Identification of Substance:		
Product name:	Picture 100SC	
Active Ingredient(s):	Alpha-Cypermethrin 100 g/L SC	
ACVM Approval:	n/a	
ERMA Approval:	HSR001682	
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, 6.3B, 6.9B, 9.1A, 9.3B, 9.4A	
Risk and safety phrases:	Harmful by inhalation and if swallowed. Irritating to eyes and skin. Harmful: danger of serious damage to health by prolonged exposure if swallowed.	
Dangerous Product	Flammable. May form flammable vapour-air mixture.	
Environmental hazard	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
Primary route of exposure	Vapours inhalation. Skin and eye contact. Inhalation.	
Symptoms relating to use:		
Inhalation	Cough. Headache. Drowsiness. Dizziness.	
Skin contact	Redness, pain.	
Eye contact	Blurred vision. May cause eye irritation.	
Ingestion	Abdominal pain, nausea.	
3) Composition Details:		
Chemical identity:	Alpha-cypermethrin	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Alpha-cypermethrin	67375-30-8	10.00%
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:	In case of eye contact, immediately rinse with clean water for 10-15 minutes. Obtain emergency medical attention if pain, blinking, tears or redness persist.
Ingestion:	If swallowed, rinse mouth with water (only if the person is conscious). 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. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Obtain medical attention if breathing difficulty persists.
Further Information:	Treatment: Treat according to symptoms (decontamination, vital functions). No known specific antidote.
5) Fire-Fighting Measures:	
Prevention:	Keep away from sources of ignition. No smoking.
Extinguishing media and methods:	Small Fire- Dry chemical. Large Fire- Water Fog, Water Spray, Foam DO NOT USE HEAVY WATER STREAM.
Surrounding Fires	Use water spray or fog for cooling exposed containers.
Special exposure hazards	When exposed to heat, may decompose liberating hazardous gases. Carbon monoxide. Carbon dioxide. Halogens. Nitrogen oxides.
Protection against fire	Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures	Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
6) Accidental Release Measures:	
Personal precautions:	No smoking. Keep public away from danger area. Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.
Environmental precautions:	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
Spill procedures:	Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.
Disposal procedures:	Dispose of waste safely, according to local Council regulations.

7) Handling & Storage:	
General	Keep away from sources of ignition - No Smoking. Do not breathe vapours.
Precautions in handling and storage	Both local exhaust and good general room ventilation must be provided not only to control exposure but also to prevent formation of flammable mixtures. May form flammable/explosive vapour-air mixture.
Technical Protective Measures:	Use grounded electrical/mechanical equipment.
Handling:	Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
Storage:	Store in dry, cool, well-ventilated area. Protect from freezing.
8) Exposure Control / Personal Protection:	
Industrial hygiene:	Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Respiratory protection:	Where exposure through inhalation may occur from use, approved respiratory protection equipment is recommended.
Eye protection:	Chemical goggles or face shield with safety glasses.
Hand protection:	Wear suitable gloves resistant to chemical penetration.
Skin Protection:	If skin contact or contamination of clothing is likely, protective clothing should be worn.
Ingestion	When using, do not eat, drink or smoke.
9) Physical & Chemical Properties:	
Form:	Liquid
Colour:	White
Odour:	Characteristic
Melting point/boiling point:	-
Density [g/cm ³], 20°C	1.033
Surface tension:	-
pH:	2-4
Flash point [°C]:	-
Ignition Temperature: [°C]:	-
Explosive Limits:	-
Viscosity:	810 cPs, 20°C
Solubility in water	Good

10) Stability & Reactivity:	
Physico-chemical stability	Stable.
Hazardous decomposition products	According to process conditions, hazardous decomposition products may be generated. Carbon monoxide. Carbon dioxide. Halogens. Nitrogen oxides.
11) Toxicological Information:	
Acute oral toxicity:	Harmful if swallowed.
Acute inhalation toxicity:	Harmful by inhalation.
Rat oral LD50 [mg/kg]	No data available.
On ingredients	See Heading: Information on ingredients.
12) Ecological Information:	
Ecological effects information:	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
LC50 96h fish [mg/l]	No data available.
On ingredients	See Heading : Information on ingredients.
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:	
General information	Ensure that vehicle's driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency.
Rail/road (RID/ADR):	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alpha-cypermethrin, 10% Solution), Class: 9; Packing group III UN: 3082  ECOTOXIC

Sea (IMDG code):	<p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alpha-cypermethrin, 10% Solution), Class: 9; Packing group III UN: 3082</p> 
Air (ICAO/IATA):	<p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alpha-cypermethrin, 10% Solution), Class: 9; Packing group III UN: 3082</p> 
15) Regulatory Information:	
Approved handlers:	This product must be under the care of an approved handler during use.
Tracking:	No.
ACVM controls:	See www.nzfsa.govt.nz/acvm/ for registration conditions.