



Material Safety Data Sheet



Greenstar

Date of issue: 3rd August, 2007

1) Identification of Substance:		
Product name:	Greenstar	
Active Ingredient(s):	500g/litre kresoxim-methyl	
ACVM Approval:	P7618	
ERMA Approval:		
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:		
Hazard classification:	Class 9	
HSNO Classifications:	6.7B, 6.9B, 9.1A, 9.4C	
Risk and safety phrases:	40, 50/53	
3) Composition Details:		
Chemical identity:	Kresoxim-methyl	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Kresoxim-methyl	143390-89-0	50%
4) First Aid Measures:		
General Information:		
Skin contact:	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Do not scrub the skin.	
Eye contact:	If splashed in eyes, wash out immediately with water.	
Ingestion:	If swallowed, do NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISONS (0800 764 766) or a doctor immediately.	
Inhalation:	Remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.	

5) Fire-Fighting Measures:	
Specific hazards:	Carbon monoxide, nitrogen oxides. The substances/groups of substances mentioned can be released in case of fire.
Extinguishing media and methods:	Water fog, water spray, foam, dry extinguishing media, carbon dioxide.
Recommended protective clothing:	Full turnout gear and SCBA.
6) Accidental Release Measures:	
Personal precautions:	Ventilation, gloves, protective clothing, face shield. Avoid inhalation of spray mist.
Environmental precautions:	Prevent spillage into the soil or aquatic environment.
Spill procedures:	Contain and collect spillage with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth. Place in container for disposal according to local regulations.
Disposal procedures:	Triple rinse containers and add residue to spray tank. Return empty containers to an AGRECOVERY collection point.
7) Handling & Storage:	
Handling:	No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas.
Storage:	Store securely out of reach of children. Store in a cool, dry area, out of direct sunlight (storage temperature should not exceed 38°C). When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of the product that is older than this.
8) Exposure Control / Personal Protection:	
Engineering measures:	No exposure limits established.
Respiratory protection:	In case of spray: ventilation, local exhaust or breathing protection (Filter respirator).
Eye protection:	Safety goggles.
Hand protection:	Gloves (nitrile or similar), protective clothing.
Other protective equipment:	
Hygiene measures:	Thoroughly wash hands after work, before eating or smoking.

9) Physical & Chemical Properties:	
Form:	Liquid
Colour:	White
Odour:	Non-specific
Melting point/boiling point:	> 100 °C
Density:	1.12 g/cm ³
Vapour pressure:	N/A
pH:	7.7
Flash point:	N/A
Ignition Temperature:	N/A
Explosive Limits:	N/A
10) Stability & Reactivity:	
Conditions to avoid:	Temperature extremes and direct sunlight
Materials to avoid:	Strong bases and oxidising substances
Hazardous reactions:	Carbon dioxide, carbon monoxide and nitrous oxides upon combustion
11) Toxicological Information:	
Acute oral toxicity:	> 2 000 mg/kg
Acute inhalation toxicity:	Not a concern under normal conditions of storage and use
Acute dermal toxicity:	> 2 000 mg/kg
Skin irritation:	Non irritant
Eye irritation:	Non irritant
Sensitisation:	Not a sensitiser.
12) Ecological Information:	
Acute fish toxicity:	LC50 (96 h) for bluegill sunfish 0.499 mg/l, rainbow trout 190 ppb
Toxicity for daphnia:	EC50 (48 h) 0.186 mg/l
Toxicity to algae:	EC50 (0-72 h) 63 mg/l
13) Disposal Considerations:	
Disposal: 	Triple rinse containers and add residue to spray tank. Return empty containers to an AGRECOVERY collection point. Avoid contamination of any water supply.
14) Transportation Information:	
Rail/road (RID/ADR):	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID (Kresoxim-methyl) Class 9 Packing group III UN: 3077 

Sea (IMDG code):	<p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID (Kresoxim-methyl) Class 9 Packing group III UN: 3077</p> 
Air (ICAO/IATA):	<p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID (Kresoxim-methyl) Class 9 Packing group III UN: 3077</p> 
15) Regulatory Information:	
Approved handlers:	This product must be under the care of an approved handler at all times. Records of use must be kept.
ACVM controls:	See www.nzfsa.govt.nz/acvm/ for registration conditions.