


Safety Data Sheet



Hexazinone 750WG

Date of issue: 10th of July, 2014

1) Identification of Substance:		
Product name:	Hexazinone 750WG	
Active Ingredient(s):	750g/kg hexazinone	
ACVM Approval:	P7959	
EPA Approval:	HSR000516	
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, 6.3B, 6.4A, 6.9B, 9.1A, 9.2A, 9.3C	
Risk and safety phrases:	R36/38 Irritating to eyes and skin	
3) Composition Details:		
Chemical identity:	Hexazinone	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Hexazinone	51235-04-2	75
4) First Aid Measures:		
General Information:		
Skin contact:	Immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash affected areas with soap and water. If a large area is affected seek medical assistance or if irritation persists.	
Eye contact:	Flush eyes immediately and continue for at least 15 minutes. Seek medical attention.	
Ingestion:	Do NOT induce vomiting if swallowed. Seek medical attention immediately. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766).	
Inhalation:	Remove patient to fresh air. Lie down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance soon if irritation persists.	
Further Information:	Treatment: No known specific antidote. Treat symptomatically.	

5) Fire-Fighting Measures:	
Specific hazards:	Specific hazards in a fire: carbon monoxide, hydrogen fluoride, nitrogen oxides.
Extinguishing media and methods:	Use water, foam, dry chemical, or carbon dioxide to extinguish fires.
Recommended protective clothing:	Wear SCBA and chemical-protective clothing.
6) Accidental Release Measures:	
Personal precautions:	Avoid contact with skin, eyes and clothing. Remove contaminated clothes and shoes immediately. Wash contaminated clothing before re-use.
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:	Use protective clothing. Ensure adequate ventilation. Cleaning water should be disposed of in appropriate manner.
Storage:	Store in original container tightly closed and in a locked, cool, dry, ventilated area away from foodstuffs, fertilisers and seeds and sources of ignition. Protect from extreme temperatures. Keep out of reach of children. Protect from temperatures above: 40 °C.
8) Exposure Control / Personal Protection:	
Engineering measures:	
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:	Keep away from food, drink and animal feedstuffs. No eating, drinking or smoking during use and wash hands and face before breaks and after work.

9) Physical & Chemical Properties:	
Form:	Granule
Colour:	Tan
Odour:	Characteristic
Melting point/boiling point:	> 100 °C / decomposes before boiling
Density:	1.000
Surface tension:	-
pH:	6.5 – 8.5
Flash point:	N/A
Ignition Temperature:	N/A
Explosive Limits:	N/A
10) Stability & Reactivity:	
Conditions to avoid:	Protect from extreme temperatures
Materials to avoid:	Incompatible or can react with strong bases
Hazardous reactions:	None known
11) Toxicological Information:	
Acute oral toxicity:	LD50 > 2000 mg/kg , rat.
Acute inhalation toxicity:	4 h LD50 > 7 mg/L , rat.
Acute dermal toxicity:	LD50 > 5,000 mg/kg , rat.
Skin irritation:	Moderate skin irritation, rabbit.
Eye irritation:	Moderate, corrosive, irritant.
Sensitisation:	Animal test did not cause sensitization by skin contact, guinea pig.
12) Ecological Information:	
Acute fish toxicity:	LC50 (96h) Rainbow trout > 300 mg/L , Bluegill sunfish > 350 mg/L.
Toxicity for daphnia:	LC50 (48h) > 400 mg/L.
Toxicity to algae:	EC50 (120h) Selenastrum capricornutum 0.007 mg/L.
13) Disposal Considerations:	
Disposal:	Dispose of to a suitable landfill or agricultural recycling scheme. Do not burn. Do not use packaging for any other purpose.
Empty container precautions:	Avoid contaminating any water supply with the chemical or empty container.
14) Transportation Information:	
Rail/road (RID/ADR):	Environmentally Hazardous Substance, Solid, N.O.S. (Hexazinone). Class: 9, UN-No: 3077 Packaging group: III
	 ECOTOXIC

Sea (IMDG code):	<p>Environmentally Hazardous Substance, Solid, N.O.S. (Hexazinone). Class: 9, UN-No: 3077 Packaging group: III</p>  <p>ECOTOXIC</p>
Air (ICAO/IATA):	<p>Environmentally Hazardous Substance, Solid, N.O.S. (Hexazinone). Class: 9, UN-No: 3077 Packaging group: III</p>  <p>ECOTOXIC</p>
15) Regulatory Information:	
Approved handlers:	This product must be under the care of an approved handler.
ACVM controls:	See www.foodsafety.govt.nz for registration conditions.

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