


# Safety Data Sheet




## Difuse<sup>®</sup> 25WP

Date of issue: 30<sup>th</sup> March 2011

<b>1) Identification of Substance:</b>		
Product name:	Difuse 25WP	
Active Ingredient(s):	Diflubenzuron 250 g/kg WP.	
ACVM Approval:	P7579	
ERMA Approval:	HSR00695	
Distributed by:	Adria Crop Protection P.O. Box 535 Kumeu 1250, Auckland Ph: 09-412-9817 Fax: 09-412-9807 <a href="http://www.adriacp.co.nz">www.adriacp.co.nz</a>	
Emergency Number:	National Poisons Centre 0800 POISON 0800 764 766	
<b>2) Hazards Identification:</b>		
HSNO Classifications:	6.3B, 6.4A, 6.9B, 9.1A	
Risk and safety phrases:	No significant hazards.	
Environmental hazard	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
Symptoms relating to use:		
Inhalation	Not expected to present a significant inhalation hazard under anticipated conditions of normal use.	
Skin contact	Not expected to present a significant skin hazard.	
Eye contact	Not expected to present a significant eye contact hazard under anticipated conditions of normal use.	
Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use.	
<b>3) Composition Details:</b>		
Chemical identity:	Diflubenzuron	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Diflubenzuron	035367-38-5	23.7 to 26%
<b>4) First Aid Measures:</b>		
General Information:		
Skin contact:	Wash skin with mild soap and water. 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	

	medical attention if pain, blinking or redness persist.
Ingestion:	DO NOT INDUCE VOMITING. Seek medical attention immediately. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or a doctor immediately.
Inhalation:	Assure fresh air breathing. Obtain medical attention if breathing difficulty persists.
<b>5) Fire-Fighting Measures:</b>	
Specific hazards:	Thermal decomposition generates: Carbon dioxide. Carbon monoxide. Nitrogen oxides. Halogens.
Extinguishing media and methods: - Not to be used	All extinguishing media can be used. Do not use a heavy water stream.
Surrounding fires	Use water spray or fog for cooling exposed containers.
Recommended protective clothing:	Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures	Exercise caution when fighting any chemical fire.
<b>6) Accidental Release Measures:</b>	
Personal precautions:	Equip cleanup crew with proper protection.
Environmental precautions:	Notify authorities if product enters sewers or public waters.
After spillage and/or leakage:	Sweep or shovel spills into appropriate container for disposal.
<b>7) Handling &amp; Storage:</b>	
General	Avoid all unnecessary exposure.
Handling:	Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
Storage:	Store in dry, well-ventilated area. Keep container closed when not in use. Keep away from heat.
<b>8) Exposure Control / Personal Protection:</b>	
Industrial hygiene:	Provide local exhaust or general room ventilation to minimize exposure to dust.
Respiratory protection:	Suitable respiratory equipment.
Eye protection:	Goggles.
Hand protection:	Gloves.
Skin Protection:	Skin protection appropriate to the conditions of use should be provided.
Ingestion:	When using, do not eat, drink or smoke.

<b>9) Physical &amp; Chemical Properties:</b>	
Form:	Powder
Colour:	Cream
Odour:	-
Melting point/boiling point:	-
Density:	-
Surface tension:	-
pH:	7.2
Flash point [°C]:	-
Ignition Temperature: [°C]:	-
Explosive Limits:	N/A
Viscosity:	-
Solubility in water	In water, material soluble.
<b>10) Stability &amp; Reactivity:</b>	
Hazardous decomposition products	When heated to decomposition, emits dangerous fumes. Carbon monoxide. Carbon dioxide. Halogens. Nitrogen oxides.
Hazardous reactions:	Reacts with: Oxidizing agent. Acids. Alkalis, finely divided metals.
Hazardous properties:	None under normal conditions.
Conditions to avoid:	Direct sunlight.
<b>11) Toxicological Information:</b>	
Acute toxicity:	
-Dermal	Not expected to present a significant skin hazard under anticipated conditions of normal use.
-Ocular	May cause minor eye irritation.
-Ingestion	Harmful if swallowed.
Rat oral LD50 [mg/kg]	>2000
Rabbit dermal LD50 [mg/kg]	> 2,000
Rat inhalation LC50 [mg/l/4h]	>5
On ingredients	See Heading: Information on ingredients.
<b>12) Ecological Information:</b>	
Ecological effects information	This product contains hazardous components. 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.
<b>13) Disposal Considerations:</b>	
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.

<b>14) Transportation Information:</b>	
Rail/road (RID/ADR):	<p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DIFLUBENZURON), UN: 3077 Class 9 Packing group III</p> 
Sea (IMDG code):	<p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DIFLUBENZURON), UN: 3077 Class 9 Packing group III Marine Pollutant</p> 
Air (ICAO/IATA):	<p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DIFLUBENZURON), UN: 3077 Class 9 Packing group III Packing Instructions: 911/NO LIMIT - 911L/NO LIMIT</p> 
<b>15) Regulatory Information:</b>	
Approved handlers:	This product must be under the care of an approved handler during use.
Tracking:	No.
ACVM controls:	See <a href="http://www.nzfsa.govt.nz/acvm/">www.nzfsa.govt.nz/acvm/</a> for registration conditions.

**DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

**End of document**