



# Safety Data Sheet



## Relent®

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

<b>1) Identification of Substance:</b>		
Product name:	Relent	
Active Ingredient(s):	100g/litre pyriproxyfen	
ACVM Approval:	P8211	
ERMA Approval:	HSR100423	
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:	3.1D, 6.3B, 8.3A, 9.1A, 9.4A	
Risk and safety phrases:	R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment	
<b>3) Composition Details:</b>		
Chemical identity:	Pyriproxyfen	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Pyriproxyfen	95737-68-1	10
<b>4) First Aid Measures:</b>		
General Information:		
Skin contact:	Remove contaminated clothing and wash immediately with soap and water. Do not rub skin. Seek medical attention if irritation develops.	
Eye contact:	Flush eyes immediately and continue for at least 15 minutes. Seek medical attention.	
Ingestion:	Do NOT induce vomiting if swallowed. Drink plenty of water. Seek medical attention immediately. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766).	
Inhalation:	Remove to fresh air while keeping patient calm. Seek medical attention if irritation persists. Administer CPR if required.	

Further Information:	Treatment: No known specific antidote. Treat symptomatically.
<b>5) Fire-Fighting Measures:</b>	
Specific hazards:	Products of combustion are toxic and or irritants. Specific hazards in a fire: carbon monoxide and nitrogen oxides.
Extinguishing media and methods:	Use water (not direct jet), foam, dry chemical, carbon dioxide or sand to extinguish fires.
Recommended protective clothing:	Wear Self contained breathing apparatus and appropriate chemical-protective clothing.
<b>6) Accidental Release Measures:</b>	
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.
<b>7) Handling &amp; Storage:</b>	
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. Protect from temperatures above: 40 °C
<b>8) Exposure Control / Personal Protection:</b>	
Engineering measures:	
Respiratory protection:	Wear respiratory protection if ventilation is inadequate. Particle filter with medium efficiency for solid and liquid particles.
Eye protection:	Safety goggles with side-shields.
Hand protection:	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. Wash hands and face before breaks and after work.

<b>9) Physical &amp; Chemical Properties:</b>	
Form:	Liquid
Colour:	Pale Yellow
Odour:	Characteristic
Melting point/boiling point:	-
Density:	0.930
Surface tension:	-
pH:	3.2
Flash point:	-
Ignition Temperature:	-
Explosive Limits:	-
<b>10) Stability &amp; Reactivity:</b>	
Conditions to avoid:	Avoid intense heat.
Materials to avoid:	None under normal conditions.
Hazardous reactions:	None.
<b>11) Toxicological Information:</b>	
Acute oral toxicity:	LD <sub>50</sub> >5000 mg/kg, rats.
Acute inhalation toxicity:	LC <sub>50</sub> (4 h) >1300 mg/m <sup>3</sup> , rats.
Acute dermal toxicity:	LD <sub>50</sub> >2000 mg/kg, rats.
Skin irritation:	Not an irritant, rabbits.
Eye irritation:	Not an irritant, rabbits.
Sensitisation:	Not a sensitizer, guinea pigs.
<b>12) Ecological Information:</b>	
Acute fish toxicity:	LC <sub>50</sub> (96 h) Rainbow trout > 0.3 mg/L.
Toxicity for daphnia:	EC <sub>50</sub> (48 h) 0.40 mg/L.
Toxicity to algae:	EC <sub>50</sub> (72 h) <i>Selenastrum capricornutum</i> > 0.05 mg/L.
<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):	Environmentally Hazardous Substance, Liquid, N.O.S. (Pyriproxyfen). Class: 9, UN-No: 3082 Packaging group: III   ECOTOXIC

Sea (IMDG code):	<p>Environmentally Hazardous Substance, Liquid, N.O.S. (Pyriproxyfen). Class: 9, UN-No: 3082 Packaging group: III Marine Pollutant</p> 
Air (ICAO/IATA):	<p>Environmentally Hazardous Substance, Liquid, N.O.S. (Pyriproxyfen). Class: 9, UN-No: 3082 Packaging group: III</p> 
<b>15) Regulatory Information:</b>	
Approved handlers:	This product must be under the care of an approved handler during use.
ACVM controls:	See <a href="http://www.nzfsa.govt.nz/acvm/">www.nzfsa.govt.nz/acvm/</a> for registration conditions.