


Safety Data Sheet

Proplant[®]

Date of issue: 30th March, 2011

1) Identification of Substance:		
Product name:	Proplant	
Active Ingredient(s):	Propamocarb hydrochloride 722 g/L SL	
ACVM Approval:	P5454	
ERMA Approval:	HSR000481	
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:	6.1E, 6.9B, 8.1A, 9.2B	
Risk Phrases	No significant hazards.	
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 under anticipated conditions of normal use.	
- Eye contact	Not expected to present a significant eye contact hazard under anticipated conditions of normal use.	
- Ingestion	Keep away from food, drink and animal feeding stuffs.	
3) Composition Details:		
Chemical identity:	Propamocarb hydrochloride	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content
Propamocarb hydrochloride	025606-41-1	702 to 737 g/L.
4) First Aid Measures:		
First Aid:		
Skin contact:	Wash skin thoroughly with mild soap and water. Seek medical attention if ill effect 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 persists.	

Ingestion:	Rinse mouth. DO NOT INDUCE VOMITING. If swallowed seek medical advice immediately and show this container or label. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or a doctor immediately.
Inhalation:	Remove victim to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Obtain medical attention if breathing difficulty persists.
5) Fire-Fighting Measures:	
Flammable Class	Not combustible.
Prevention	No smoking.
Extinguishing media - Suitable - Not Suitable	Dry chemical. Foam. Water fog. Water spray. Do not use a heavy water stream.
Surrounding fires	Use water spray or fog for cooling exposed containers.
Special procedures	Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
6) Accidental Release Measures:	
After spillage and/or leakage	Spill area may be slippery. Dike for recovery or absorb with appropriate material. Dilute residues and flush.
7) Handling & Storage:	
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. Store above -10 °C.
8) Exposure Control / Personal Protection:	
Personal protection	
- Respiratory protection	Not required,
- Hand protection	Gloves.
- Skin protection	Protective clothing not absolutely necessary.
- Eye protection	Goggles.
- Ingestion	When using, do not eat, drink or smoke.
9) Physical & Chemical Properties:	
Physical state at 20 °C:	Liquid
Colour:	Colourless.
Odour:	Fruity
Initial boiling point[°C]::	100
Density:	1.083 (20°C)
Surface tension [mN/m]:	-
pH:	4-6
Flash point [°C]:	n/a
Auto Ignition Temperature: [°C]:	>400
Explosive Limits:	-

Log P octanol / water at 20°C	-1.36
Solubility in water	-
10) Stability & Reactivity:	
Physico-chemical stability	Stable.
Hazardous decomposition products	None under normal conditions.
Hazardous Reactions	None under normal conditions.
Hazardous properties	None under normal conditions.
11) Toxicological Information:	
Acute toxicity	This product is not hazardous.
Rabbit dermal LD50 [mg/kg]	>2000
Rat oral LD50 [mg/kg]	>2000
Rat inhalation LC50 [mg/l/4h]	>5
12) Ecological Information:	
LC50 96h fish [mg/l]	>100
48 Hour-EC50 - Daphnia magna [mg/l]	>100
IC50 72h Algae [mg/l]	176
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:	
Rail/road (RID/ADR):	Not Classified.
Sea (IMDG code):	Not Classified.
Air (ICAO/IATA):	Not Classified.
15) Regulatory Information:	
Approved handlers:	No.
Tracking:	No.
ACVM controls:	See www.nzfsa.govt.nz/acvm/ for registration conditions.

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