



MATERIAL SAFETY DATA SHEET

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Revision nr : 1

Date : 29/10/2003

Supersedes : 0/0/0

PROPLANT

CA701337

www.lisam.com

DISTRIBUTOR:

ADRIA NZ LTD
PO BOX 535 KUMEU
AUCKLAND
Tel. : 09 4129817
In case of emergency : 0800 764 766

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Identification of the product : Propamocarb hydrochloride 722 g/L SL
Trade name : PROPAMOCARB HCl 722 G/L SL.
Use : Fungicide
Company identification : See distributor.

2 COMPOSITION / INFORMATION ON INGREDIENTS

This product is not considered to be hazardous and does not contain hazardous components.

Substance name	Value(s)	CAS No / EC No / EC Index	Symbol(s)	R-Phrase(s)
Propamocarb hydrochloride	: 702 to 737 g/L	025606-41-1 / 247-125-9 / -----		
<i>Rat oral LD50 [mg/kg]</i>	: > 2000			
<i>Percutaneous (rat) LD50 [mg/kg]</i>	: > 2000			
<i>Rat inhalation LC50 [mg/l/4h]</i>	: > 5			

3 HAZARDS IDENTIFICATION

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.

4 FIRST AID MEASURES

First aid
- 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.
- 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 persist.
- Ingestion : Rinse mouth. DO NOT INDUCE VOMITING. If swallowed seek medical advice immediately and show this container or label.

5 FIRE-FIGHTING MEASURES

Flammable class : Not combustible.
Prevention : No smoking.
Extinguishing media
- Suitable : Dry chemical. Foam. Water fog. Water spray.
- Not to be used : 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.



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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 AND STORAGE

Storage : Store in dry, well-ventilated area. Store above -10 °C.
Handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8 EXPOSURE CONTROLS / 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 AND CHEMICAL PROPERTIES

Physical state : Liquid.
Colour : Colourless.
Odour : Fruity.
pH value : 4-6
Initial boiling point [°C] : 100
Density [g/cm³], 20°C : 1.083
Flash point [°C] : NA
Auto-ignition temperature [°C] : >400
Log P octanol / water at 20°C : -1.36

10 STABILITY AND 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

Toxicity information : This product is not hazardous.
Rat oral LD50 [mg/kg] : >2000
Rabbit dermal 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



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13 DISPOSAL CONSIDERATIONS

Disposal : Dispose in a safe manner in accordance with local/national regulations.

14 TRANSPORT INFORMATION

Land transport

- ADR/RID : Not classified.

Sea transport

- IMO-IMDG : Not classified.

Air transport

- IATA : Not classified.

15 REGULATORY INFORMATION

Symbol(s) : None.

R Phrase(s) : None.

S Phrase(s) : S02 - Keep out of the reach of children.
S13 - Keep away from food, drink and animal feedingstuffs.
S20/21 - When using, do not eat, drink or smoke.

16 OTHER INFORMATION

Further information : None.

The contents and format of this MSDS are in accordance with EEC Commission Directive 2001/58/CE.

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