



Date of Issue: 21 June 2011

Date of previous issue: 6 March 2009

SDS NUMBER 1074384/4/NZ

### 1. Identification of the Substance/Mixture and Supplier.

Product name:	Maggo 1L
Application:	For the treatment of flystrike in sheep and protect against restrike and as a docking medication.
ERMA approval:	HSR001796
Company:	Bayer New Zealand Limited, 3 Argus Place, Hillcrest Auckland 0627.
Telephone:	0800 652 488
Facsimile:	0800 229 838
Emergency telephone:	0800 734 607 Orica SH&E Shared services (24hr)

### 2. Hazards Identification.

Hazard Classification:	Classified as hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
Classification and Type:	Maybe harmful if inhaled. May cause skin and eye irritation. Suspected human carcinogen. May cause damage to human organs through repeat or prolonged exposure. Very toxic to aquatic life and terrestrial invertebrates.

### 3. Composition/Information on Ingredients.

<u>Chemical Entity</u>	<u>CAS No</u>	<u>Proportion</u>
Propetamphos (technical grade)		> 5 %
To give propetamphos	31218-83-4	1.6 %
Paradichlorobenzene	106-46-7	40.0 %
Hydrocarbon liquids		51.0 %
Emulisifers		< 15.0 %

### 4. First Aid Measures.

General Information:	Remove victim from contaminated area. If there is a risk of unconsciousness, position and transport in a stable lateral position.
Skin Contact:	Immediately remove all contaminated clothing, including footwear. Wash affected areas thoroughly with soap and water for at least 15 minutes. Seek medical attention if irritation persists. Take container / label or MSDS for identification.
Eye Contact:	Immediately wash open eye in a flow of water for at least 15 minutes. Seek medical assistance. Take container / label or MSDS for identification.
Ingestion:	Rinse mouth with water. Seek immediate medical assistance. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Take container / label or MSDS for identification.
Inhalation:	Remove patient to fresh air, avoid breathing vapours yourself. If not breathing apply resuscitation. Seek medical assistance. Take container / label or MSDS for identification.



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Notes for medical personal:	Atropine as soon as possible. Can be given in combination with pralidoxime as the actions are complementary.
Mild:	1mg IV or IM, and pralidoxime 7.5-10 mg/kg IM.
Moderate:	2mg IV or IM every 10-15 minutes, and pralidoxime 1-2 mg/IV or 7.5 - 10 mg/kg IM, repeatable after 1 hour then every 8-12 hours.
Severe:	4-5mg IV or IM every 10-15 minutes, then 0.08mg/kg per hour if needed, concurrent with pralidoxime 1-2 mg/IV or 7.5 -10 mg/kg IM, repeated after 1 hour then every 8-12 hours.
Further Information:	Contact the National Poisons and Hazardous Chemicals Information centre in Dunedin, PO Box 913, Dunedin. Phone 0800 764 766, 0800 POISON.
<b>5. Fire-Fighting Measures.</b>	
Extinguishing media and methods:	Sprayed water jet, foam, dry chemical powder CO <sub>2</sub> and sand.
Recommended protective clothing:	Fire fighters should wear self contained breathing apparatus in enclosed areas.
Further Information:	Fight fire in the early stages if it is safe to do so. Make provisions to contain firefighting water. This product is non-flammable, non explosive and non-combustible.
<b>6. Accidental Release Measures.</b>	
Spill and leak procedure:	Do not empty into drains or waters. Take up spilled product with absorbent material (e.g. sawdust, peat, chemical binder). Fill materials taken up into closable container. To clean the floor and all objects contaminated by this material wash with detergent and water, rinse with the smallest volume of water possible. Also place used cleaning materials into closable receptacles. Do not eat, drink or smoke during cleanup operation.
Protective Equipment:	Wear self contained breathing apparatus in enclosed areas. In well ventilated areas a full face mask with combination filter P2 (offers no protection from carbon monoxide )In special cases additional measures for personal protection may be necessary, e.g. wearing chemical-resistant and possibly anti static protective gloves or boots and chemical-resistant suit with or without independent air supply.
<b>7. Handling and Storage.</b>	
Handling:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. To be used outdoors.
Storage:	Store in tightly sealed original containers. Store out of direct sunlight and in a dry environment. Keep out of reach of children. Keep locked away so that unauthorised persons do not have access. Keep away from food, drink and animal feeding stuffs.
<b>8. Exposure Control/Personal Protection</b>	
Engineering measures:	No specific recommendation as the product is used outdoors.
Respiratory Protection:	In well ventilated areas a full face mask with combination filter and P2 prefilter.
Hand Protection:	Protective gloves should be worn.
Eye Protection:	Eye protection should be worn.
Hygiene measures:	Keep the place of work clean. Avoid contact with product. Keep working clothes separate. Change badly soiled or soaked clothing.



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Workplace exposure limits:		
p Dichlorobenzene	TWA 153 mg/m <sup>3</sup> , 25 ppm STEL 306 mg/m <sup>3</sup> , 50 ppm	(OSH 2002) (OSH 2002)
<b>9. Physical and Chemical Properties</b>		
Form:	Liquid	
Colour:	Straw coloured	
Odour:	Aromatic	
Density:	1.025 - 1.045 at 15°C	
Solubility in water:	Emulsifiable	
Flash point:	70°C	
<b>10. Stability and Reactivity</b>		
Chemical stability:	Product is non flammable, non explosive, non- volatile and non-combustible.	
<b>11. Toxicological Information</b>		
Acute toxicity:	LD <sub>50</sub> oral, rat 119 mg/kg (propetamphos) LD <sub>50</sub> oral, rat 500 - 5000 mg/kg ( paradichlorobenzene) LD <sub>50</sub> dermal, rat 2825 mg/kg (active ingredient) LD <sub>50</sub> inhalation, 4hr, rat 1.5 mg/L air	
Skin irritation:	Irritant	
Eye irritation:	Irritant	
Sensitization:	Not known.	
Other information:	Poisoning symptoms may include headache, contracted pupils, blurred vision, salivation, heavy sweating, weakness, nausea, vomiting, stomach pains, diarrhoea and muscle twitching. Propetamphos is an organophosphate compound with anticholinesterase inhibitory properties.	
<b>12. Ecological Information</b>		
Fish toxicity:	LC <sub>50</sub> (96hr) 4.7 mg/l Rainbow trout LC <sub>50</sub> (96hr) 6.4 mg/L Carp	
Daphnia toxicity:	EC <sub>50</sub> (48hr) 0.015 mg/L	
Other information:	Paradichlorobenzene is a marine pollutant.	
<b>13. Disposal Considerations.</b>		
After intended use:	Triple rinse empty container with water and empty into spray tank. Destroy the empty container by puncturing and crushing. Dispose of destroyed container by taking to an approved council disposal site or alternatively bury under at least 50cm of soil in a location away from houses, crops, stock, stock watering places, water supply and ground water.	
Empty Container precautions:	Triple rinse empty container with water and empty into spray tank. Destroy the empty container by puncturing and crushing.	
<b>14. Transportation Information.</b>		
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (40% paradichlorobenzene).	

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UN Number:	3082
Hazard Class:	9
Hazchem Code:	2X
Packing Group:	III
Flashpoint:	70°C
Marine pollutant:	Yes
Hazardous substances regulations:	Maximum quantity per package permitted on passenger service vehicles 1L.
<b>15. Regulatory Information.</b>	
ACVM Number: A5679	
HSNO Approval Number: HSR001769	
<b>HSNO Classification</b>	
6.1E (Dermal and Oral) Acutely Toxic Substance.	
6.3A Substances that are Irritating to the Skin.	
6.4A Substances that are Irritating to the Eyes.	
6.7B Substances that are Suspected Human Carcinogens.	
6.9B (Oral) Substances that are Harmful to Human Target Organs or Systems.	
9.1A Substances that are Very Ecotoxic to the Aquatic Environment.	
9.4C Substances that are Very Ecotoxic to Terrestrial Invertebrates.	
<b>Controls for hazardous substances:</b>	
Approved handler requirements have been deleted.	
<ul style="list-style-type: none"><li>• Level 2 Emergency Management Information required when &gt; 1 Litres is present in a workplace.</li><li>• Level 3 Emergency Management Plans required when &gt; 100 Litres is presenting a workplace.</li><li>• When an excess of 100 Litres is stored, signage is required for ecotoxic substance.</li></ul>	
Controls of hazardous substances are based upon current knowledge. Where multiple chemicals are stored, controls will take into account aggregate quantities. Contact an ERMA Approved Test Certifier for further information and guidance.	
<b>16. Other Information.</b>	
OSH(2002) – Workplace exposure Standards, effective 2002.	

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.