



SAFETY DATA SHEET

Cytrol Alpha Super 25 EW

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Revision No. 1
Issue date: 21 July 2004

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

Product name Cytrol Alpha Super 25 EW

Company PelGar International Ltd
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Product code 402

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Tetramethrin 1 - 10% N;R50/53	CAS: 7695-12-0
Propylene glycol 1 - 10%	CAS: 57-55-6
Alpha-Cypermethrin 1 - 10% EINECS: 257-842-9 T;R25 Xi;R37 Xn;R48/22 N;R50/53	CAS: 67375-30-8
Solvent naphtha (petroleum), Heavy aromatic 10 - 20% N;R51/53 Xn;R65	CAS: 64742-94-5
Piperonyl Butoxide 1 - 10% EINECS: 200-076-7 N;R51/53	CAS: 51-03-6

3. HAZARDS IDENTIFICATION

Most important hazards Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.
Harmful: may cause lung damage if swallowed.

4. FIRST AID MEASURES

Skin contact May cause skin irritation in susceptible persons. Remove contaminated clothing Wash off immediately with soap and plenty of water. If irritation persists obtain medical attention
Contaminated clothing should be washed and dried before re-use

Eye contact May cause eye irritation of susceptible persons. Rinse immediately with plenty of water for at least 15 minutes. If irritation persists obtain medical attention

Inhalation Inhalation of mist or spray may cause irritation of the respiratory system. Move to fresh air. Obtain medical advice immediately.

Ingestion Do not induce vomiting. If conscious give a small amount of milk or water to drink and obtain medical attention. Show the container label or this safety data sheet to the doctor

General advice In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media The product itself does not burn. Keep fire exposed containers cool by spraying with water if exposed to fire. Fight surrounding fire with dry chemical, foam or water spray.

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Specific hazards	This product is not flammable.
Special protective equipment for firefighters	In the event of fire, wear a self-contained breathing apparatus and a chemical protection suit, gloves and boots.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear suitable protective clothing, gloves and eye/face protection. See section 8.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Contain or absorb leaking liquid with earth or sand. Do not let product enter drains. If substance has entered a watercourse or sewer or contaminated soil or vegetation, inform the appropriate authority.
Methods for cleaning up	Soak up with inert absorbent material. Transfer to a suitably labelled container. Subsequently, wash the contaminated area with water, or detergent and water, taking care to prevent the washings from entering surface water drains.

7. HANDLING AND STORAGE

Handling	If splashing is likely to occur wear approved eye protection. If spray mists are likely, wear a suitable approved respirator. If skin contact is likely to occur wear rubber gloves and suitable impervious protective clothing. Use in a well ventilated area where possible. Always use good personal hygiene procedures when handling chemicals. Do not smoke eat or drink while handling this product. Wash hands, face and exposed skin after using, and before eating, drinking or smoking. Read the label before use.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep away from food and animal feedstuffs

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s)	Propylene glycol TWA(ppm):150 TWA(mg/m3):470 Solvent naphtha (petroleum), Heavy aromatic TWA(mg/m3):500, 5 (for mineral oil mist)
Respiratory protection	Suitable approved respirator if exposed to spray mists
Hand protection	Rubber or plastic gloves
Eye protection	If splashes are likely to occur, wear goggles
Skin and body protection	Impervious clothing boots

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid
Colour	White
Odour	Characteristic
Boiling point/range	No Data
Flash point	>62 °C
Water solubility	Miscible

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions. Avoid mixing with other chemicals; strong alkalis
Conditions to avoid	Heat, flames and sparks.
Hazardous decomposition products	Combustion or thermal decomposition will produce toxic and irritant fumes

11. TOXICOLOGICAL INFORMATION

Acute toxicity	ORL RAT LD50 > 2000 mg/kg (calculated) DERMAL RAT LD50> 5000 mg/kg (rat). (calculated)
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Sensitisation	May cause sensitisation of susceptible persons by skin contact or by inhalation of aerosol or dust.
Repeated or prolonged exposure	Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation of susceptible persons.
mutagenic effects	Not available
carcinogenic effects	Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity effects Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

General Information Dispose of as special waste in compliance with local and national regulations.

Contaminated packaging Dispose of as unused product.

14. TRANSPORT INFORMATION

ADR/RID

UN-No	3082	Packing group	III
Class	9	Hazard ID	90

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains alpha-cypermethrin ,tetramethrin and alkyl (C3 – C5 Benzenes)

IMO

UN-No	3082	Packing group	III
Class	9	Marine pollutant	YES
EmS	F-A S-F		

IATA-DGR

UN-No	3082	Packing group	III
Class	9	packaging	914

15. REGULATORY INFORMATION

Symbol(s): Xn - Harmful; N - Dangerous for the environment



R-phrases) R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 - Harmful: may cause lung damage if swallowed.

S-phrase(s) To avoid risks to man and the environment, comply with the instructions for use.
S29 - Do not empty into drains.
S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

Text of R phrases mentioned in Section 2 R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R25 - Toxic if swallowed.
R37 - Irritating to respiratory system.
R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 - Harmful: may cause lung damage if swallowed.

Recommended restrictions Insecticide for professional use only.

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Sources of key data used to compile the datasheet

CHIP 2002

EH40

Raw material suppliers Safety Data Sheets.