



SAFETY DATA SHEET

Page 1 of 4

Alphaban Super 5 ME (HSE No.: 7689)

Revision No. 3

Issue date: 19 December 2006

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

Product name	Alphaban Super 5 ME
Company	PelGar International Ltd Unit 13, Newman Lane Industrial Estate, Newman Lane, Alton, Hampshire GU34 2QR Tel +44 (0) 1420 80744 Fax +44 (0) 1420 80733
Product code	413

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	Alpha-cypermethrin 1-10% CAS: 67375-30-8 EINECS: 257-842-9 T;R25 Xi;R37 Xn;R48/22 N;R50/53
	Alcohol ethoxylate 20-30% Xi;R41
	N-Methyl-2-pyrrolidone 1-10% CAS: 872-50-4 EINECS: 212-828-1 Xi;R36/38
	Piperonyl butoxide 10-20% N;R50/53

3. HAZARDS IDENTIFICATION

Most important hazards	Harmful if swallowed. Irritating to skin. Risk of serious damage to eyes. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
-------------------------------	---

4. FIRST AID

Skin contact	Irritating to skin 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	Risk of serious damage to eyes. 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	Harmful if swallowed. 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 is not flammable. Keep fire exposed containers cool by spraying with water if exposed to fire. Fight surrounding fire with dry chemical, foam or water spray.
Specific hazards	This product is not flammable. However, toxic fumes (oxides of carbon hydrogen chloride and hydrogen fluoride) may be evolved in the event of fire. Prevent run off from entering watercourses or sewers.

Alhaban Super 5 ME

Revision No. 3

Issue date: 19 December 2006

Special protective equipment for firefighters In the event of fire, wear a self-contained breathing apparatus, 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 or watercourses..

Methods for cleaning up Soak up with inert absorbent material. Transfer to a suitably labelled container. Subsequently, clean spill area and any tools used with a suitable solution of caustic soda or soda ash and an appropriate alcohol (i.e. methanol, ethanol or isopropanol). Then wash with strong soap and water solution. Collect all washings for disposal as contaminated waste..

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 container tightly closed. Keep in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s) N-Methyl-2-pyrrolidone
TWA(ppm):25 TWA(mg/m3):103 STEL(ppm):75 STEL(mg/m3):309

Respiratory protection Suitable approved respirator if exposed to spray mists

Hand protection Rubber or plastic gloves

Eye protection Goggles

Skin and body protection Impervious clothing boots

9. PHYSICAL AND CHEMICAL PROPERTIES

Description Liquid

Colour Grey

Odour Mild/Detergent

pH 5.0 - 7.0

Flash point Not applicable

Explosive properties Not applicable

Oxidising properties Not available

Vapour pressure Not available

Relative density 1.03

Water solubility Miscible

Fat solubility Not available

Alhaban Super 5 ME

Revision No. 3

Issue date: 19 December 2006

Partition coefficient (n-octanol/water)	Not available
Viscosity	Not available
Vapour density	Not applicable
Autoinflammability	Not applicable

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
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 alpha-cypermethrin 5000mg/Kg; Alcohol ethoxylate >2000mg/Kg DERMAL RAT LD50; Alcohol ethoxylate >2000mg/Kg
Primary irritation	Risk of serious damage to eyes. Irritating to skin. Prolonged contact may cause skin dryness, which may result in dermatitis if left untreated.
Sensitisation	Inhalation of aerosol or skin contact may cause sensitisation of susceptible persons.
mutagenic effects	Not available
carcinogenic effects	Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity effects	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Further Information	This product must not enter water discharge system. Inform appropriate authority if large spillage enters drains.

13. DISPOSAL CONSIDERATIONS

General Information	Dispose of as hazardous 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)		

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



Alhaban Super 5 ME

Revision No. 3

Issue date: 19 December 2006

R-phrases(s)	R22 - Harmful if swallowed. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases(s)	To avoid risks to man and the environment, comply with the instructions for use. S 1/2 - Keep locked up and out of the reach of children. S13 - Keep away from food, drink and animal feeding stuffs. S24/25 - Avoid contact with skin and eyes. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S29 - Do not empty into drains. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S57 - Use appropriate containment to avoid environmental contamination. S62 If swallowed, do not induce vomiting: seek medical advice immediately and show container label or this safety data sheet.

16. OTHER INFORMATION

Text of R phrases mentioned in Section 2	R25 - Toxic if swallowed. R36/38 - Irritating to eyes and skin. R37 - Irritating to respiratory system. R41 - Risk of serious damage to eyes. R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Recommended restrictions	Insecticide for professional use only.
Sources of key data used to compile the datasheet	Raw material suppliers Safety Data Sheets. CHIP 2002 EH40
Replaces	Revision Number 2 Changes to Section 2, 3, 4, 12, 15, 16. Changes caused by the reclassification of piperonyl butoxide