



## SAFETY DATA SHEET

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### Alphaban 5 SC (HSE No.:7274)

Revision No. 2

Issue date: 01 September 2005

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

<b>Product name</b>	Alphaban 5 SC
<b>Company</b>	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
<b>Product code</b>	410

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Hazardous components</b>	Alpha-cypermethrin 1-10% CAS: 67375-30-8 EINECS: 257-842-9 T;R25 Xi;R37 Xn;R48/22 N;R50/53 Silicon dioxide 1-10%
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#### 3. HAZARDS IDENTIFICATION

<b>Most important hazards</b>	Harmful if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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#### 4. FIRST AID MEASURES

<b>Skin contact</b>	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
<b>Eye contact</b>	May cause eye irritation of susceptible persons. Rinse immediately with plenty of water for at least 15 minutes. If irritation persists obtain medical attention
<b>Inhalation</b>	Inhalation of mist or spray, may cause irritation of the respiratory system. Move to fresh air. Obtain medical advice immediately.
<b>Ingestion</b>	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
<b>General advice</b>	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

#### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	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.
<b>Extinguishing media which must not be used for safety reasons</b>	Do not use water jets
<b>Specific hazards</b>	This product is not flammable May decompose if involved in a fire, producing toxic and irritant fumes.
<b>Special protective equipment for firefighters</b>	In the event of fire, wear a self-contained breathing apparatus and a chemical protection suit, gloves and boots.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Wear suitable protective clothing, gloves and eye/face protection. See section 8.
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<b>Environmental precautions</b>	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.
<b>Methods for cleaning up</b>	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

<b>Handling</b>	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.
<b>Storage</b>	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

<b>Exposure limit(s)</b>	Silicon dioxide TWA(mg/m <sup>3</sup> ):6 (Total Dust) 2.4 (Respirable dust).
<b>Respiratory protection</b>	Suitable approved respirator if exposed to spray mists
<b>Hand protection</b>	Rubber or plastic gloves
<b>Eye protection</b>	If splashes are likely to occur, wear goggles
<b>Skin and body protection</b>	Impervious clothing boots

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid
<b>Colour</b>	White
<b>Odour</b>	Characteristic
<b>pH</b>	6 - 7
<b>Boiling point/range</b>	No Data
<b>Flash point</b>	Not applicable
<b>Flammability</b>	Not applicable
<b>Vapour pressure</b>	Not available
<b>Relative density</b>	1.1 - 1.5
<b>Water solubility</b>	Completely miscible

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Hazardous decomposition products</b>	Combustion or thermal decomposition will produce toxic and irritant fumes

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	ORL RAT LD50 > 4000mg/Kg (calculated) DERMAL RAT LD50 > 5000mg/Kg (calculated).
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Repeated and / or prolonged exposure may cause irritation and may cause skin sensitisation in sensitive individuals.

**Sensitisation** May cause sensitisation of susceptible persons by skin contact or by inhalation of aerosol.

**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.

**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

**Class** 9

**Packing group** III

**Hazard ID** 90

**Proper shipping name** ENVIRONMENTALLY  
HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S. (contains alpha-  
cypermethrin)

### IMO

**UN-No** 3082

**Class** 9

**EmS** F-A S-F

**Packing group** III

**Marine pollutant** YES

### IATA-DGR

**UN-No** 3082

**Class** 9

**Packing group** III

**packaging** 914

## 15. REGULATORY INFORMATION

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



**R-phrases)** R22 - Harmful if swallowed..

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S-phrase(s)**

To avoid risks to man and the environment, comply with the instructions for use.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S29 - Do not empty into drains.

S37/39 - Wear suitable gloves and eye/face protection.

S60 - This material and its container must be disposed of as hazardous waste.

S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

## 16. OTHER INFORMATION

**Text of R phrases mentioned in Section 2** R25 - Toxic if swallowed.  
R37 - Irritating to respiratory system.  
R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed.

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R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

<b>Recommended restrictions</b>	Insecticide for professional use only.
<b>Sources of key data used to compile the datasheet</b>	CHIP 2002 EH40 Raw material suppliers Safety Data Sheets.
<b>Replaces</b>	Revision Number 1 Changes to Section 2, 3, 4, 13, 15, 16