



## SAFETY DATA SHEET

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### Stingray ME (HSE No.: 7685)

Revision No. 2

Issue date: 01 September 2005

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

<b>Product name</b>	Stingray ME
<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>	305

#### 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  Tetramethrin 1-10% 7695-12-0 N;R50/53  Pyriproxyfen 1-10% 95737-68-1 N;R50/53  Alcohol ethoxylate 10-20% Xi;R41
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#### 3. HAZARDS IDENTIFICATION

<b>Main hazards</b>	Harmful if swallowed. Risk of serious damage to eyes. 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>	Risk of serious damage to eyes. 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>Specific hazards</b>	This product is not flammable. However, toxic fumes (oxides of carbon, hydrogen chloride and hydrogen fluoride) may be evolved in the event of fire.

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**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.

**Methods for cleaning up** Soak up with inert absorbent material. Transfer to a suitable 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.

## 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 reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure limit(s)** No exposure limits have been set for this material

**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

<b>Description</b>	Liquid
<b>Colour</b>	Amber
<b>Odour</b>	Mild
<b>pH</b>	6.0 - 8.0
<b>Flash point</b>	Not applicable
<b>Explosive properties</b>	Not applicable
<b>Oxidizing properties</b>	Not available
<b>Vapour pressure</b>	Not available
<b>Relative density</b>	1.03
<b>Water solubility</b>	Miscible
<b>Fat solubility</b>	Not available
<b>Partition coefficient (n-octanol/water)</b>	Not available

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**Viscosity** Not available

**Vapour density** Not applicable

## 10. STABILITY AND REACTIVITY

**Stability** Stable at 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; Tetramethrin > 5000mg/Kg; Pyriproxyfen 5000mg/Kg; Alcohol ethoxylate >2000mg/Kg  
DERMAL RAT LD50 Pyriproxyfen >2000mg/Kg; Alcohol ethoxylate >2000mg/Kg

**Primary irritation** Risk of serious damage to eyes. May cause skin irritation and/or dermatitis.

**Sensitization** Inhalation of aerosol or skin contact may cause sensitization of susceptible persons.

**mutagenic effects** Not available

**carcinogenic effects** Not available

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** 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, tetramethrin, pyriproxyfen)

### IMO

**UN-No** 3082

**Class** 9

**EmS** F-A S-F

**Packing group** III

**Marine pollutant** Yes

### IATA-DGR

**UN-No** 3082

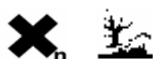
**Class** 9

**Packing group** III

**packaging** 914

## 15. REGULATORY INFORMATION

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



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<b>R -phrase(s)</b>	R22 - Harmful if swallowed. R41 - Risk of serious damage to eyes. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>S -phrase(s)</b>	S 2 - Keep out of the reach of children. S20 - When using do not eat or drink. 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. S27/28 - After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S57 - Use appropriate container to avoid environmental contamination. S61 - Avoid release to the environment. Refer to special instructions/safety data sheets. S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. To avoid risks to man and the environment, comply with the instructions for use.

## 16. OTHER INFORMATION

<b>Text of R phrases mentioned in Section 2</b>	R25 - Toxic if swallowed. 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.
<b>Recommended restrictions</b>	Insecticide for professional use only.
<b>Sources of key data used to compile the datasheet</b>	Raw material suppliers Safety Data Sheets. CHIP 2002 EH40
<b>Replaces</b>	Revision Number 1 Changes to Section 2, 3, 4, 13, 15, 16