



SAFETY DATA SHEET

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Stingray ME (HSE No.: 7685)

Revision No. 1

Issue date: 28 October 2003

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product name	Stingray 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	305

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	Alpha-cypermethrin 1-10% 67375-30-8 Xn;R20 Xn;R21 Xn;R22 Xi;R36 Xi;R38 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

Main hazards	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

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	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	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.
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.

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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

Description Liquid

Colour Amber

Odour Mild

pH 6.0 - 8.0

Flash point Not applicable

Explosive properties Not applicable

Oxidizing properties Not available

Vapour pressure Not available

Relative density 1.03

Water solubility Miscible

Fat solubility Not available

Partition coefficient (n-octanol/water) 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 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, pyriproxyfen)		

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): Xi;N;



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R -phrase(s)	R41 - Risk of serious damage to eyes. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S -phrase(s)	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

Text of R phrases mentioned in Section 2	R20 - Harmful by inhalation. R21 - Harmful in contact with skin. R22 - Harmful if swallowed. R36 - Irritating to eyes. R38 - Irritating to skin. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R41 - Risk of serious damage to eyes.
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