



## SAFETY DATA SHEET

Page 1 of 4

### Nylar 4 EW (HSE No.: 6373)

Revision No. 1

Issue date: 23 October 2003

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

<b>Product name</b>	Nylar 4 EW
<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>	PGF263

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Hazardous components</b>	Pyriproxyfen 1-10% 95737-68-1 N;R50/53  Solvent Naphtha (petroleum), Heavy aromatic 1-10% N;R51/53 Xn;R65  Propylene glycol 1-10% 57-55-6
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#### 3. HAZARDS IDENTIFICATION

<b>Main hazards</b>	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 with 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. In the event of exposure to mist or spray, or solvent fumes Move to fresh air. Obtain medical advice immediately.
<b>Ingestion</b>	Do not induce vomiting. If conscious, wash out mouth with water 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>	Keep fire exposed containers cool by spraying with water if exposed to fire. Fight surrounding fire with alcohol resistant foam, dry powder, carbon dioxide or water as a fog.
<b>Extinguishing media which must not be used for safety reasons</b>	Do not use water jets
<b>Specific hazards</b>	The product has a flash point but does not support combustion. Avoid run off into watercourses, drains and sewers.

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**Special protective equipment for firefighters** In the event of fire, wear self-contained breathing apparatus, suitable gloves and boots.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Wear suitable protective clothing, gloves and eye/face protection. See section 8.
<b>Environmental precautions</b>	Contain or absorb leaking liquid with earth or sand. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Soak up with inert absorbent material. Transfer to a suitable labelled container. Subsequently, wash the spill area with water, taking care to prevent washings from entering surface water drains. Spillages or uncontrolled discharges into watercourses must be notified to the appropriate regulatory authority or the National River Authority

## 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 container tightly closed. Keep in a dry, cool and well-ventilated place. Keep out of reach of children. Keep away from food and animal feedstuffs

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure limit(s)</b>	Solvent Naphtha (petroleum), Heavy aromatic TWA(ppm):25 (for trimethyl benzene) TWA(mg/m3):125 for (trimethyl benzene) Propylene glycol TWA(ppm):150 TWA(mg/m3):470
<b>Respiratory protection</b>	Suitable approved respirator if exposed to spray mists
<b>Hand protection</b>	Synthetic rubber or PVC 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>	Slightly aromatic
<b>pH</b>	6.5
<b>Boiling point/range</b>	100°C
<b>Flash point</b>	>between 22°C and 55°C
<b>Explosive properties</b>	Not applicable
<b>Oxidizing properties</b>	Not applicable
<b>Vapour pressure</b>	Not available
<b>Relative density</b>	1.01

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**Water solubility** Miscible with water

**Partition coefficient (n-octanol/water)** Not available

## 10. STABILITY AND REACTIVITY

**Stability** Stable under recommended storage conditions.

**Conditions to avoid** Heat, flames and sparks.

**Materials to avoid** Strong oxidising agents

**Hazardous decomposition products** Combustion or thermal decomposition will produce toxic and irritant fumes

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** ORL RAT LD50 >10000mg/Kg  
DERMAL RAT LD50>5000mg/Kg

**Primary irritation** May cause eye/skin irritation.

**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

**Class** 9

**Packing group** III

**Hazard ID** 90

**Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(contains alkyl (C3-C5) benzene and 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):** N;



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<b>R -phrase(s)</b>	R10 - Flammable R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>S -phrase(s)</b>	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. 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>	R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed.
<b>Sources of key data used to compile the datasheet</b>	Raw material suppliers Safety Data Sheets. EH40 CHIP 2002  Insecticide for professional use only.
<b>Replaces</b>	Revision No.: 2004-I-03
<b>Recommended restrictions</b>	