



# Agropharm

## SAFETY DATA SHEET Pyrethrum 5EC

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

PRODUCT NAME Pyrethrum 5EC  
 PRODUCT NO. FP537  
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### 2 COMPOSITION/INFORMATION ON INGREDIENTS

| Name  | EC No.    | CAS-No.    | Content | Classification        |
|---|-----------|------------|---------|-----------------------|
| Alkoxylate  |           |            | 10-30%  | R52/53.               |
| KEROSINE (PETROLEUM), SOLVENT-REFINED SWEETENED; KEROSINE - UNSPECI | 295-416-4 | 92045-36-8 | 5-10%   | Xn;R65                |
| ODOURLESS KEROSINE  | 294-799-5 | 91770-15-9 | 10-30%  | Xn;R65.               |
| PIPERONYL BUTOXIDE  | 200-076-7 | 51-03-6    | 10-30%  | N;R51/53.             |
| PYRETHRINS INCLUDING CINERINS                                       |           |            | 1-5%    | Xn;R20/21/22 N;R50/53 |
| Sodium Dialkylsulfosuccinate  | 209-406-4 |            | 10-30%  | Xi;R38,R41.           |

The Full Text for all R-Phrases are Displayed in Section 16

### 3 HAZARDS IDENTIFICATION

Risk of serious damage to eyes. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xi;R41. N;R51/53.

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once.

#### INGESTION

DO NOT induce vomiting. Get medical attention immediately.

#### SKIN CONTACT

Wash skin thoroughly with soap and water.

#### EYE CONTACT

Continue to rinse for at least 15 minutes and get medical attention.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Water spray, foam, dry powder or carbon dioxide.

#### SPECIAL FIRE FIGHTING PROCEDURES

Keep run-off water out of sewers and water sources. Dike for water control. Dike and collect extinguishing water. If risk of water pollution occurs, notify appropriate authorities.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

#### SPECIFIC HAZARDS

By heating and fire, toxic vapours/gases may be formed. By heating and fire, irritating vapours/gases may be formed.

**Pyrethrum 5EC****6 ACCIDENTAL RELEASE MEASURES**

## ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

## SPILL CLEAN UP METHODS

Absorb spillage with suitable absorbent material.

**7 HANDLING AND STORAGE****8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

## PROTECTIVE EQUIPMENT



## RESPIRATORY EQUIPMENT

Wear suitable respiratory protection.

## HAND PROTECTION

Protective gloves are recommended.

## EYE PROTECTION

Use eye protection.

## OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

|                            |                             |                          |     |
|----------------------------|-----------------------------|--------------------------|-----|
| APPEARANCE                 | Liquid                      |                          |     |
| COLOUR                     | Brown                       |                          |     |
| ODOUR                      | Slight odour                |                          |     |
| SOLUBILITY                 | Miscible with water.        |                          |     |
| RELATIVE DENSITY           | 0.98-0.99                   | pH-VALUE, CONC. SOLUTION | 6.6 |
| pH-VALUE, DILUTED SOLUTION | 7.4(diluted 1:40 Tap Water) |                          |     |

**10 STABILITY AND REACTIVITY**

## STABILITY

Stable under normal temperature conditions and recommended use.

**11 TOXICOLOGICAL INFORMATION**

|                      |   |
|----------------------|---|
| TOXIC DOSE 1 - LD 50 | Pyrethrins: 900-2000 mg/kg (oral rat)     |
| TOXIC DOSE 2 - LD 50 | Piperonyl Butoxide: 7500 mg/kg (oral rat) |

## INHALATION

May cause irritation to the respiratory system.

## INGESTION

May cause irritation to throat and stomach.

## SKIN CONTACT

Liquid may irritate skin. Prolonged contact may cause redness, irritation and dry skin.

## EYE CONTACT

Irritating and may cause redness and pain.

**12 ECOLOGICAL INFORMATION**

## ECOTOXICITY

The product contains a substance which is harmful to aquatic organisms.

**Pyrethrum 5EC****13 DISPOSAL CONSIDERATIONS**

## GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

## DISPOSAL METHODS

Do not allow runoff to sewer, waterway or ground.

**14 TRANSPORT INFORMATION**

|                      |   |                  |   |
|----------------------|---|------------------|---|
| UK ROAD CLASS        | 9   |                  |   |
| PROPER SHIPPING NAME | Environmentally Hazardous Substance, Liquid |                  |   |
| UN NO. ROAD          | 3082  | UK ROAD PACK GR. | III   |
| ADR CLASS NO.        | 3082  | ADR CLASS        | Class 9: Miscellaneous dangerous substances and articles.                   |
| ADR PACK GROUP       | III   | HAZARD NO. (ADR) | 90 Environmentally hazardous substance; miscellaneous dangerous substances. |
|                      | 90  | MARINE POLLUTANT |   |

**15 REGULATORY INFORMATION**

## LABELLING



Irritant



Dangerous for the environment

## RISK PHRASES

|        |   |
|--------|---|
| R41    | Risk of serious damage to eyes.   |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

## SAFETY PHRASES

|     |   |
|-----|---|
| S25 | Avoid contact with eyes.  |
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S39 | Wear eye/face protection.   |
| S57 | Use appropriate containment to avoid environmental contamination.                             |
| 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**

DATE 17/06/2006

**Pyrethrum 5EC**

## RISK PHRASES IN FULL

|           |  |
|-----------|--|
| R20/21/22 | Harmful by inhalation, in contact with skin and 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. |
| R51/53    | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.      |
| R52/53    | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.    |
| R65       | Harmful: may cause lung damage if swallowed.   |

## DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.