

# MATERIAL SAFETY DATA SHEET



## Kingfisher Insecticide / Fungicide

Issue: 1. Issue Date: 04/04/2006.

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

**Product Name.** Insecticide / Fungicide

**Supplier.** KINGFISHER BUILDING PRODUCTS Ltd.  
COOPER LANE.  
BARDSEA BUSINESS PARK  
ULVERSTON  
CUMBRIA.  
LA12 9RA.

**Telephone:** 01229 869100  
**Fax:** 01229 869101  
**Emergency:** As Above

### 2. COMPOSITION / INFORMATION ON INGREDIENTS.

A solvent based ready for use liquid

| Ingredient Name.   | CAS.No                   | Einecs | Content             | Health (Class) | Risk (R No.)                  |
|--------------------|--------------------------|--------|---------------------|----------------|-------------------------------|
| Permethrin         | 52645-53-1               |        | 0.5% w/w            | Xn.N.          | R20,R22,R36/37/38<br>R50,R53. |
| Proconazole<br>D40 | 60207-90-1<br>64742-48-9 |        | > 1% w/w<br>to 100% | Xn. N<br>Xn. N | R22,R43,R50/53<br>R10,R65/66  |

### 3. HAZARDS IDENTIFICATION

**FIRE: -** Flammable (Flash Point 40°C)

**ENVIRONMENT: -** Dangerous for the Environment

#### **HEALTH**

**Inhalation: -** Symptoms include nausea, dizziness and breathing difficulty. Severe cases can cause narcosis and unconsciousness.

**Eye Contact: -** Irritating to the eyes. Symptoms include redness and watering.

**Skin Contact: -** Irritant. Frequent contact may cause dermatitis.

**Ingestion: -** May cause lung damage if ingested.

### 4. FIRST AID MEASURES.

**Inhalation:-** Move patient to fresh air. In severe cases place patient in recovery position.

**Eye Contact: -** Rinse immediately with water for 15 minute. Seek medical attention.

**Skin Contact: -** Wash affected area with soap and water. If irritation persists seek medical attention.

**Ingestion:-** DO NOT induce vomiting. In case of spontaneous vomiting ensure vomit can drain freely to avoid suffocation. Seek medical attention.



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### 5. FIRE FIGHTING MEASURES.

**Extinguishing Media:-** Use CO<sup>2</sup>. Dry powder or Foam. DO NOT use Water Jet.

**Protective Measures in Fire: -** Cool intact containers by spraying with water if exposed to fire.

### 6. ACCIDENTAL RELEASE MEASURES.

**Personal Protection during Spill:-** Wear suitable protective clothing and eye / face protection

**Precautions to Protect Environment:-** Erect "No Naked Flames" signs. Prevent contamination of the soil, drains and surface water.

**Spillage Clean Up Methods:-** Take up material using Sand, earth or other suitable inert material. Place in enclosed containers. Dispose as waste in a safe way e.g controlled incineration by a

### 7. HANDLING AND STORAGE.

**Usage Precautions:-** Ensure adequate ventilation. Do not breathe dust. Avoid eye contact.

**Storage Criteria:-** Keep in original container. Keep away from naked flames and sources of ignition .

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

| INGREDIENT. | CAS. No.   | STD<br>OEL (8hr.TWA)                                   | LT EXP<br>(8 Hrs) | ST EXP<br>(15 Min) |
|-------------|------------|--|-------------------|--------------------|
| D40         | 64742-48-9 | 1000mg/m <sup>3</sup><br>(reciprocal method EH40/2002) |                   |                    |

**Personal Protective Equipment: -** In case of insufficient ventilation, wear suitable respiratory equipment. Wear pvc/nitrile gloves, safety glasses, overalls and closed footwear.

**Hygienic Work Routines: -** Wash hands thoroughly before eating, drinking or smoking.



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### 9. PHYSICAL AND CHEMICAL PROPERTIES.

|  |             |                                   |                         |
|--|-------------|-----------------------------------|-------------------------|
| <b>Appearance:</b> -                   | Liquid.     | <b>Colour:-</b>                   | Clear                   |
| <b>Odour:</b> -                        | Solvent.    | <b>Viscosity:-</b> (25°C)         | 1.23 mm <sup>2</sup> /s |
| <b>Solubility in Water:</b> -          | <0.10 wt    | <b>Flash Point:</b> -             | 40°C                    |
| <b>Boiling Point:</b>                  | 145 – 200°C | <b>Density:</b> - (15°C)          | 0.772 g/mL              |
| <b>Vapour Pressure mm Hg @ 20°C:</b> - | 0.21kPa.    | <b>Explosion Limits in air:</b> - | 0.6 – 7 vol% approx     |
| <b>Specific Gravity:</b> -             | 0.79        | <b>pH value:</b> -                |                         |

### 10. STABILITY AND REACTIVITY

|                             |                          |
|-----------------------------|--------------------------|
| <b>Stability:</b>           | Stable.                  |
| <b>Materials to Avoid:</b>  | Strong oxidising agents. |
| <b>Conditions to avoid:</b> | As above.                |

### 11. TOXICOLOGICAL INFORMATION.

|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | Causes respiratory irritation.   |
| <b>Skin Contact:</b> | Causes irritation when wet.  |
| <b>Eye Contact:</b>  | Can cause burns.   |
| <b>Ingestion:</b>    | Causes irritation of the mouth, throat and respiratory tract.  |
| <b>Other:</b>        | When mixed with water alkali is released. Precautions should be to prevent dry materials entering the eyes, mouth, nose and to prevent skin contact with wet mixed material. |

### 12. ECOLOGICAL INFORMATION.

|                               |  |
|-------------------------------|--|
| <b>Environmental Hazards.</b> | Prevent contamination of the soil, drains and surface water. Product is classified Toxic to aquatic organisms. |
| <b>Mobility;</b>              | Will rapidly evaporate to the air if released into the environment. ,  |
| <b>Solubility:</b>            | Negligible.  |
| <b>Degradability:</b>         | The substance can degrade rapidly in air and is readily biodegradable according to OECD guidelines.            |
| <b>Bio accumulation:</b>      | .  |

### 13. DISPOSAL CONSIDERATIONS

#### Disposal Methods:

For large quantities, disposal must be carried out under guidance from local and national legislation. NOT suitable for disposal as landfill. Small quantities can be disposed of via a waste contractor.



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### 14. TRANSPORT INFORMATION

#### Label for Conveyance

Hazard Class.

UN No.

E.M.S.

I.M.D.G.

ICAO/ IATA.

Flashpoint.

Trans. Cat.

Marine Pollutant.

E.E.C. Number.

A.D.R.

Packaging Number.

### 15. REGULATORY INFORMATION

#### Label for Supply:



Xn Harmful



N. Dangerous for the Environment.

#### Risk Phrases

|     |   |
|-----|---|
| R10 | Flammable.  |
| R65 | Harmful. May cause lung damage if swallowed           |
| R66 | Repeated exposure may cause skin dryness and cracking |

#### Safety Phrases

|         |   |
|---------|---|
| S1/2.   | Keep locked up and out of reach of children   |
| S23.    | Do not breathe vapour.  |
| 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. |
| S61     | Avoid release to the environment.   |
| S62     | If swallowed do not induce vomiting. Seek medical advice                                      |

### 16. OTHER INFORMATION

#### User Notes :

THE INFORMATION GIVEN IN THIS DATA SHEET 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 AS TO ITS ACCURACY,RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY THEMSELVES AS TO THE SUITABILITY AND APPLICATION OF SUCH INFORMATION FOR THEIR OWN USE