

## PRODUCT DATA & HEALTH & SAFETY INFORMATION

Revision: 1 (CHIP96)

Revision Date: 9.1.02

Last Revision: 9.1.02

### 1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

**Product Name:** MICROEMULSION FUNGICIDE/INSECTICIDE  
**Product Description:** Dual Purpose Insecticide/Fungicide Wood Preservative Concentrate  
**Supplier:** Chemical Building Products Limited, Tarasay, Higher Blandford Rd, Corfe Mullen, BH21 3JG  
Tel: 01202 601701 Fax: 01202 604300

### 2. COMPOSITION/INGREDIENTS INFORMATION

**Description:** An aqueous blend of non-ionic surfactants, insecticide and fungicides.

Hazardous Ingredients	CAS No:	% Range	Hazard	Risk No.
Permethrin Technical	52645-53-1	2.50	Harmful	22
3-Iodo-2-propynyl-butyl-carbamate	55406-53-6	5.63	Harmful	20/22,41,50
Propiconazole Technical	60-207-90-1	5.63	Harmful/Dangerous to the environment	22,50/53
Alcohol Ethoxylate	n/a	<30	Irritant	36/38

### 3. HAZARD INFORMATION

This product is classified as IRRITANT under the Chemicals (Hazard Information and Packaging) regulations 1996.

### 4. FIRST AID MEASURES

**Inhalation:** Remove to open air. Seek medical attention if symptoms persist.  
**Eye Contact:** Flush well with water. For persistent irritation seek medical attention.  
**Skin Contact:** Wash with soap and water. For persistent irritation seek medical attention. Use moisturising cream if hands feel dry. Remove contaminated clothing.  
**Ingestion:** DO NOT INDUCE VOMITING. Give small amount of water or milk and seek medical attention. Show container, label, or, this safety sheet to doctor.

### 5. FIRE FIGHTING MEASURES

This product is not flammable. However, irritating fumes may be evolved in the event of a fire. Treat fires with dry chemical, foam or water spray. Wear protective clothing and self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

Clean up excess with absorbent material and place in a secure container. Dispose of waste material/containers etc. via an appropriately licensed waste disposal operator. Product should not enter drainage system.

### 7. HANDLING AND STORAGE

If splashing is likely to occur wear eye protection.  
If skin contact is likely to occur wear rubber gloves and suitable protective clothing.  
Use in a well ventilated area.  
Store in original container, in a safe place with a secure lid at ambient temperatures.  
Keep out of reach of children.  
Wash hands and any exposed skin after using, and before eating and drinking.

## 8. EXPOSURE CONTROLS AND PERSONNEL PROTECTION

Always consult the label before use.

Ingredient:	O.E.S.
Permethrin	0.05mg/Kg body weight (acceptable daily intake)
3-Iodo-2-propynyl-butyl-carbamate	LD50 rat (oral) 1470mg/Kg. LD50 rat (dermal) >2000mg/Kg.
Propiconazole	LD50 rat (oral) 1517mg/Kg. LD50 rat (dermal) >4000mg/Kg
Alcohol Ethoxylate	no data supplied.

Respirators:	Recommended	Gloves:	Recommended
Eye Protection:	Recommended	Protective Clothing:	Recommended

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:.....	Straw/Amber Coloured Liquid	Active Content:	2.50% w/w Permethrin
Odour:.....	Mild/Characteristic	Active Content:	2.50% w/w 3-Iodo-2-propynyl-butyl-carbamate
Solubility in Water: .....	Soluble	Active Content:	5.63% w/w Propiconazole
Turbidity: 0-20	SG: 1.035		pH: 6.0-8.0

## 10. STABILITY AND REACTIVITIES

Product is stable under normal conditions. Avoid mixing with other chemicals: strong acids/alkalis.

## 11. TOXICOLOGICAL INFORMATION

Inhalation:	Mist may cause some irritation to respiratory tract.
Eye Contact:	May cause irritation/reddening.
Skin Contact:	May cause irritation. Prolonged contact may cause skin dryness, which may result in dermatitis if left untreated.
Ingestion:	May cause irritation to the throat and stomach.

## 12. ECOLOGICAL INFORMATION

This product must not enter water discharge system. Inform appropriate authority if large spillage enters drains.

## 13. DISPOSAL INFORMATION

Dispose of empty container and waste product by licensed waste disposal contractor.

## 14. TRANSPORT INFORMATION

UN No: 3082	Packaging Group: III	H.I. No: 90
ADR: Class 9	ADR Item No:	HSE No:

## 15. REGULATORY INFORMATION

**Label for Supply:.....**IRRITANT

**Risk Phrases:.....**35,51 Irritating to skin. Toxic to aquatic organisms. Toxic to bees.

**Safety Phrases:.....**2,20,24/25,26,27,28,36/37/38,50,62

Keep out of reach of children. When using, do not eat or drink. Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Take off immediately all contaminated clothing. After skin contact wash with plenty of soap and Water. Wear suitable protective clothing, gloves and eye/face protection. Do not mix with strong Acids or alkalis. Use appropriate containment to avoid environmental contamination. If swallowed, DO NOT INDUCE VOMITING: seek medical advice immediately and show container, label or this safety data sheet.

## 16. OTHER INFORMATION

**Recommended Uses:.....**Dual purpose wood insecticide/fungicide concentrate.

The information contained in this Safety Data sheet, as of the issue date, is believed to be true and correct. However, the accuracy of completeness of this information and any recommendations or suggestions, are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this product.

## PRODUCT DATA & HEALTH & SAFETY INFORMATION

PRODUCT NAME: **MICROEMULSION FUNGICIDE/INSECTICIDE**

### 1. PRODUCT SPECIFICATION

**Application:** Treatment of wood by brush, or course spray.  
**Composition:** An aqueous solution containing 2.50% w/w Permethrin, 5.63% w/w 3-Iodo-2-Propynyl-Butyl-Carbamate and 5.63% w/w Propiconazole.  
**UN No:** 3082  
**Hazard:** Classified as IRRITANT under the Chemicals (Hazard Identification and Packaging) regs. 1996.  
**Appearance:** Clear pale straw coloured liquid with a mild odour.  
**Coverage:** Dilute 1 litre of concentrate with 24.0 litres of clean water. Apply 1 litre of diluted product per 3-4 square metres.  
**HSE No:**

### 2. HANDLING/STORAGE

**Handling:** Avoid contact with eyes and skin. Use PVC gloves, goggles, respirator, protective overalls and footwear.  
**Exposure:** Only to be used by professional operators. Exclude all unprotected persons and animals during treatment and for at least 1 hour after treatment is completed. Ensure there is a physical barrier to prevent contact by unprotected persons and animals until treated surfaces are visibly dry.  
**Shelf Life:** 2 years.  
**Storage:** Store in original container with secure lid, in a safe place at ambient temperatures.  
**Transport:** Individual 1 litre packs or boxes of 6 x 1 litre packs.  
**Occupational Limits:** Permethrin – 0.05mg/kg body weight (acceptable daily intake).  
3-Iodo-2-Propynyl-Butyl-Carbamate – LD50 rat (ORAL) = 1470mg/Kg, LD50 rat (dermal) >2000mg/Kg. Propiconazole – LD50 rat (oral) = 1517mg/Kg, LD50 rat (dermal) >4000mg/Kg.

### 3. ACCIDENTAL RELEASE MEASURES

**Spillage:** Clean up excess with absorbent material and place in a suitable container for disposal by an authorised waste contractor.  
**Fire:** Product is not flammable. Use water spray, carbon dioxide or foam extinguishers in the event of a fire.  
**First Aid:** Operators are recommended to have available the First Aid manual of either The British Red Cross Society or St John's Ambulance Brigade.  
**Eyes:** Wash with plenty of clean water for at least 10 minutes and seek medical advice.  
**Skin:** Wash with plenty of mild soap and water. Seek medical advice in case of persistent irritation. Remove contaminated clothing immediately.  
**Inhalation:** Remove patient to fresh air. Seek medical advice for persistent problems  
**Ingestion:** Drink some water. Do not induce vomiting: seek medical advice immediately.

### 4. HAZARD IDENTIFICATION

**Label for Supply:** IRRITANT  
**Risk Phrases:** 22,36/38,51 Harmful if swallowed. Irritating to eyes and skin. Toxic to aquatic organisms.  
**Safety Phrases:** 2,20,24/25,26,27,28,36/37/38,50,62. Keep out of reach of children. When using, do not eat or drink. Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Take off immediately all contaminated clothing. After skin contact, wash with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection. Do not mix with strong acids or alkalis. Use appropriate containment to avoid environmental contamination. If swallowed, do not induce vomiting: seek medical advice immediately and show container, label or this safety data sheet.

**Recommended Uses:** Insecticide/fungicide concentrate : wood treatment.

The information contained in this Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy of completeness of this information and any recommendations or suggestions, are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this product.