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## SAFETY DATA SHEET

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### 1 Identification of the substance or preparation and the supplier

Product Name: ENSELE 3450  
Datasheet Number: 3450 1. 1. 0  
HSE No.: 6992  
Intended Use: Waterborne end-grain timber preservative to be used on the cross-cut ends of timber.  
Name of Supplier: Arch Timber Protection Ltd  
Address of Supplier: Wheldon Road,  
Castleford,  
West Yorkshire,  
WF10 2JT  
England  
Telephone: 01977 714000 (office hours)  
Fax: 01977 714001  
Responsible Person: Contact the company  
Emergency Telephone: +44 (0)1865 407333 (24 hours)

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### 2 Composition/information on ingredients

| Chemical Name    | Concentration | CAS Number | EC Number | R Phrases      | Symbols |
|------------------|---------------|------------|-----------|----------------|---------|
| Copper carbonate | 2.250 % w/w   | 12069-69-1 | 235-113-6 | R22            | Xn      |
| Boric acid       | 0.494 % w/w   | 10043-35-3 | 233-139-2 | Not classified |         |
| Propiconazole    | 0.050 % w/w   | 60207-90-1 | 262-104-4 | R22 51/53      | Xn, N   |

R22: Harmful if swallowed

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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### 3 Hazards identification

- Classification under Control of Pesticides Regulations 1986 (COPR).
  - Not Classified
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### 4 First aid measures

Contact with skin

- Wash affected area with plenty of soap and water

Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Irrigate eyes thoroughly whilst lifting eyelids
- Seek medical advice if necessary

Ingestion

- Do not induce vomiting, give 250 ml milk to drink followed by water, both sipped slowly. Seek medical advice immediately.
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## 4 First aid measures (....)

### Inhalation

- Inhalation is unlikely to occur

### General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)
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## 5 Fire-fighting measures

- Not flammable
  - In case of fire use water, carbon dioxide or dry agent (S43)
  - Keep container(s) exposed to fire cool, by spraying with water
  - Do not use water jets
  - Smoke from fires is toxic. Take precautions to protect personnel from exposure
  - Use appropriate containment to avoid environmental contamination (S57)
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## 6 Accidental release measures

### Immediate Actions

- Use appropriate containment to avoid environmental contamination (S57)

### Clean Up Actions

- Absorb spillage in earth or sand
  - Place in appropriate container
  - Seal containers and label them
  - Remove contaminated material to safe location for subsequent disposal
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## 7 Handling and storage

### Handling

- Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)

### Storage

- Keep out of reach of children (S2)
  - Keep away from food, drink and animal feedingstuffs (S13)
  - Keep in a cool, dry place
  - Ensure strict stock rotation
  - Opened containers should be carefully resealed and stored in an upright position
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## 8 Exposure controls and personal protection

### Exposure Limits

#### Copper carbonate

- MEL / LTEL # ppm (as Cu dust/mist) 1.0 mg/m<sup>3</sup>

### Occupational exposure controls

- Wear suitable protective clothing, including eye/face protection and gloves (PVC are recommended)
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## 9 Physical and chemical properties

- Appearance: blue, Liquid
- pH 9.4 to 10
- Boiling point >100 °C
- Freezing point -5 °C
- Completely soluble in water
- Density (water=1) 1.025 - 1.04
- Not flammable
- Viscosity 405 centipoise at 20 deg C

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## 10 Stability and reactivity

- Stable
- Incompatible with acid
- Do not use empty containers for any other use.

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## 11 Toxicological information

Toxicological information

- LD50 (oral, rat) > 5000 mg/kg

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## 12 Ecological information

Ecotoxicity

- DANGEROUS TO FISH AND OTHER AQUATIC LIFE, do not contaminate water courses or ground.

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## 13 Disposal considerations

Disposal considerations

- This material and its container must be disposed of in a safe way (S35)
- Disposal should be in accordance with local, state or national legislation
- Do not use empty containers for any other use.

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## 14 Transport information

- Not classified as hazardous for transport

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## 15 Regulatory information

Applicable Laws

- This product is approved under the Control of Pesticides Regulations (COPR) 1986, for use as directed.
- The COSHH Control of Substances Hazardous to Health Regulations 1999 may apply to the use of this product at work.

Safety Phrases

- Engineering control of operator exposure must be used where reasonably practicable in addition to the following items of personal protective equipment.
- WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SYNTHETIC RUBBER/PVC GLOVES when using.
- AVOID EXCESSIVE CONTAMINATION OF COVERALLS AND LAUNDER REGULARLY.
- However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.
- DO NOT CONTAMINATE FOODSTUFFS, EATING UTENSILS OR FOOD CONTACT SURFACES.

## 15 Regulatory information (...)

- COVER WATER STORAGE TANKS before application.
  - REMOVE OR COVER FISH TANKS AND BOWLS before application.
  - UNPROTECTED PERSONS OR ANIMALS SHOULD BE KEPT AWAY FROM TREATED AREAS FOR 48 HOURS OR UNTIL SURFACES ARE DRY.
  - THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way.
  - DANGEROUS TO FISH AND OTHER AQUATIC LIFE, do not contaminate water courses or ground.
  - AVOID ALL CONTACT WITH PLANT LIFE.
  - ALL BATS ARE PROTECTED UNDER THE WILDLIFE AND COUNTRYSIDE ACT 1981.
  - BEFORE TREATING ANY STRUCTURE USED BY BATS, CONSULT ENGLISH NATURE, SCOTTISH NATURAL HERITAGE OR THE COUNTRYSIDE COUNCIL FOR WALES.
  - WASH HANDS AND EXPOSED SKIN before eating, drinking, smoking and after use.
  - WASH SPLASHES from skin or eyes immediately.
  - KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.
  - KEEP OUT OF REACH OF CHILDREN.
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## 16 Other information

It is the duty of every employer to ensure that his employees using this product have received such necessary instructions and guidance as required to use this product safely.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information given on this data sheet must be regarded as a description of the safety requirements relating to the product and not a guarantee of its properties.

Arch accepts no responsibility for any loss or damage which arises directly or indirectly from following the above interpretation of legislation or guidance.

This information has been lodged with Poisons Information Centre in the United Kingdom.

Further information is available from Advisory Department,  
Wheldon Road, Castleford, West Yorkshire. WF10 2JT.  
Telephone 01977 714000 Fax 01977 714001