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**SAFETY DATA SHEET**

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

Product Name: **Probor 50**  
Datasheet Number: P50 1. 0. 0  
Product Use: Borate based timber preservative-masonry biocide  
Name of Supplier: Safeguard Europe Ltd  
Address of Supplier: Redkiln Close  
Redkiln Way  
Horsham  
W Sussex RH13 5QL  
Telephone: +44 (0) 1403 210204  
Fax: +44 (0) 1403 217529  
Responsible Person:  
Emergency Telephone:

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**2 Composition/information on ingredients**

Chemical Name	Concentration	CAS Number	EC Number	R Phrases	Symbols
Propane-1,2-diol	30-60%	57-55-6	200-338-0	None	None
Alkyldimethylbenzyl ammonium chloride	1-5%	68391-01-5	269-919-4	R22-34-50	C; N

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**3 Hazards identification**

- Odour: Faint characteristic odour
  - Appearance: gel, translucent
  - Contact with eyes: May cause irritation
  - Contact with skin: May cause irritation
  - Inhalation: May cause irritation
  - Ingestion: May cause gastro-intestinal disturbances
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**4 First aid measures**

## Contact with skin

- Remove contaminated clothing
- Wash affected area with plenty of soap and water
- Seek medical attention if irritation persists

## Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Seek medical attention if irritation persists

## Ingestion

- Induce vomiting (only if patient is conscious)
  - Rinse mouth with water (do not swallow)
  - Give 200-300mls (half pint) water to drink
  - Seek medical attention if ill effects occur
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## 4 First aid measures (....)

### Inhalation

- Remove patient to fresh air
  - Keep warm and at rest
  - Seek medical attention if irritation persists
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## 5 Fire-fighting measures

- Auto-ignition point 371 deg C at 760 mm Hg
  - Combustible, Lower flammability limit 2.6%(in air), Upper flammability limit 12.6%(in air)
  - Toxic and irritant fumes may be formed
  - May form explosive vapour/air mixtures
  - Substance evolves toxic fumes, wear self-contained breathing apparatus
  - In case of fire use alcohol resistant foam (S43)
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## 6 Accidental release measures

### Personal Precautions

- Wear protective clothing as per section 8

### Environmental Precautions

- Do not allow to enter public sewers and watercourses

### Clean Up Actions

- Absorb spillage in suitable inert material
  - Place in appropriate container
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## 7 Handling and storage

### Handling

- Take precautionary measures against static discharges (S33)
- When using do not eat, drink or smoke (S20/21)
- Do not breathe vapours excessively (S23)
- Avoid contact with skin and eyes (S24/25)

### Storage

- Keep in a cool, well ventilated place away from oxidising substances (S3/9/14)
  - Keep container tightly closed (S7)
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## 8 Exposure controls and personal protection

### Exposure Limits

- There are no recommended or established controls for this product

### Propane-1,2-diol

- WEL / LTEL 150 ppm 474 mg/m3

### Exposure controls

- Engineering controls should be provided which maintain airborne concentrations below the relevant guidelines

### Occupational exposure controls

- Wear approved respirator if exposure likely to exceed WEL
  - Wear goggles giving complete eye protection
  - Wear plastic or rubber gloves
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## 8 Exposure controls and personal protection (....)

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## 9 Physical and chemical properties

- Odour: Faint characteristic odour
  - Appearance: gel, translucent
  - Boiling point >190 °C at 760 mm /Hg
  - Vapour pressure 0.08 mm /Hg
  - Vapour density (air = 1) 2.62
  - Completely soluble in water
  - Combustible, Lower flammability limit 2.6%(in air), Upper flammability limit 12.6%(in air)
  - Auto-ignition point 371 deg C at 760 mm Hg
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## 10 Stability and reactivity

- Stable
  - Keep away from heat and sources of ignition
  - Incompatible with oxidizing substances
  - Decomposition products may include nitrogen and carbon oxides
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## 11 Toxicological information

### Toxicological information

- No experimental data available

### Inhalation

- May cause shortness of breath

### Contact with skin

- May cause redness and irritation

### Contact with eyes

- May cause redness and irritation

### Ingestion

- May cause gastro-intestinal disturbances
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## 12 Ecological information

### Ecotoxicity

- No information available

### Mobility

- No information available

### Persistence and Biodegradability

- No information available

### Bioaccumulation Potential

- No information available
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## 12 Ecological information (....)

### Other Adverse Effects

- To the best of our knowledge, the properties of this material have not been fully evaluated
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## 13 Disposal considerations

### Disposal considerations

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
  - Disposal should be in accordance with local, state or national legislation
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## 14 Transport information

- Not classified as hazardous for transport
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## 15 Regulatory information

### Classification and labelling

- This Safety Data Sheet does not constitute a workplace risk assessment
- Not classified as hazardous for supply

### Applicable Laws

- This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58EC)

### Risk Phrases

- Not applicable

### Safety Phrases

- Not applicable
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## 16 Other information

(R22: Harmful if swallowed. R34: Causes burns. R50: Very toxic to aquatic organisms.)