



ECOSOTE

SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Description: A ready to use boron based wood preservative and surface biocide.
Supplier: R.K. & J. Jones Limited
Address: Southery Road, Feltwell
Thetford, Norfolk, IP26 4EH, UK.
Telephone: 01842 828101

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS No. | Classification | Concentration |
|----------------------------------|-------------|------------------|---------------|
| Disodium Octaborate Tetrahydrate | 12280-03-04 | none | 2.2% |
| Benzalkonium Chloride | 68424-85-1 | C,N:R21/22-34-50 | .5% |

SECTION 3: HAZARDS IDENTIFICATION

Hazard designation: none according to EU directive 1999/45/EC
Health: n/a
Environmental: n/a

SECTION 4: FIRST AID MEASURES

Inhalation: Remove to fresh air
Ingestion: Wash out mouth with water. Do not induce vomiting. Seek immediate medical attention.
Skin: Prolonged contact may cause irritation. Remove contaminated clothing. Wash thoroughly with soap and water.
Eyes: May cause temporary irritation. Irrigate with water for 15 minutes holding eye lid open. Seek immediate medical attention.

SECTION 5 : FIRE FIGHTING MEASURES

Extinguishing Media: Foam, carbon dioxide, dry powder, water spray.
Specific Hazards: In the event of fire the following can be released: Carbon Monoxide/ carbon dioxide.
Protective equipment: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Refer to section 8 for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.
Environmental Precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Dispose of all waste in accordance with EPA regulations.
Clean up Procedure: Absorb into dry earth or sand. Transfer to a closable, labelled container for disposal by an appropriate method.

SECTION 7 : HANDLING AND STORAGE

- Advice on safe handling:** No special precautions necessary. Handle in accordance with good hygiene and safety practice.
- Storage Precautions:** Store between +5°C and +30°C protected from frost and direct sunlight. Keep container tightly closed.

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION



- Protective Equipment:**
- Exposure controls:** The product may contain low levels of volatile organic compounds which may evaporate during application and drying.
- Engineering controls:** Ensure adequate ventilation of working area.
- Personal Protection:** Observe normal standards for handling chemicals. Avoid contact with skin and eyes. Wash hands before breaks and after work. Wear protective equipment appropriate to the task (above)
- Eye Protection:** Safety goggles (eg. EN 166)
- Skin Protection:** Butyl rubber gloves (also consider your own risk assessment; e.g. Breakthrough times, rates of diffusion and degradation, tasks undertaken)
- Respiratory protection:** Respirator if ventilation is judged to be insufficient.
- Other Protection:** Protective overalls.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

- Appearance:** Coloured liquid
- Odour:** Pine odour
- Boiling Point:** from 100°C
- Melting Point/range:** -
- Flash Point:** >100°C
- Auto-flammability:** -
- Viscosity:** -
- Solubility:** Miscible with water
- Relative Density@20°C:** .98 – 1.02

SECTION 10 : STABILITY AND REACTIVITY

- Conditions to avoid:** Frost and extremes of temperature.
- Stability:** Stable under normal conditions of handling.
- Materials to avoid:** None known.
- Hazardous decomposition Products:** None known.

SECTION 11: TOXICOLOGICAL INFORMATION

| | |
|----------------------|---|
| Inhalation: | No significant effect. |
| Ingestion: | Not classified as 'harmful if swallowed' May cause irritation of the mouth and upper digestive tract. |
| Skin Contact: | May produce some skin irritation after prolonged contact. |
| Eye contact: | May cause eye irritation. |

SECTION 12 : ECOLOGICAL INFORMATION

| | |
|--------------------------|---|
| Mobility: | Readily absorbed into soil. |
| Persistence: | Not determined. |
| Degradability: | Not determined. |
| Bioaccumulation: | No evidence for bioaccumulation |
| Ecotoxic effects: | The product is not classified as Dangerous for the Environment. |

SECTION 13: DISPOSAL CONSIDERATIONS

| | |
|--------------------------------|--|
| Advice on disposal: | Disposal of product and packaging should always comply with local and national regulations. Waste water containing product should be treated in a separation and biological treatment plant. |
| Contaminated packaging: | Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle. |
| EU Waste code number: | No Waste Code number available |

SECTION 14 : TRANSPORT INFORMATION

| | |
|----------------------------------|--|
| UK Transport Information: | UK Transport Classification: Not classified. |
| UN No: | N/A |
| IMDG code: | Not classified. |
| RID/ADR: | Not classified. |
| IATA: | Not classified. |

SECTION 15 : REGULATORY INFORMATION

Labelling according to EU directive 1999/45/EC

| | |
|------------------------|---|
| Symbol: | Not subject to labelling. |
| Safety Phrases: | |
| S2 | Keep out of reach of children. |
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S28 | After contact with skin, wash immediately with the plenty of water. |
| S37/39 | Wear suitable gloves and eye/face protection. |

SECTION 16 : OTHER HEALTH AND SAFETY INFORMATION

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties and does not establish a legally valid contractual relationship.

If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

Note: The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation (e.g. the Health and Safety at Work Act,1974;the control of Substances Hazardous to Health Regulations,1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

Ecosote/v1/JAN2009 RKJ