



# TECHNICAL DATA SHEET

## **CONSTRUCTION CHEMICALS CLEAR WOOD PRESERVATIVE (WATER REPELLENT) NON-FLAMMABLE**

### **DESCRIPTION**

A spirit-based wood preservative using organo borester as the active ingredient. The solvent carrier is an extremely low aromatic, high flashpoint liquid, which enables this product to be labelled as non-flammable. Hence, when used, the precautions required when using a flammable liquid are not needed. If used in a dip-tank, the room containing the tank does not need to be 'flame-proof', i.e. intrinsically safe switches, etc.

### **APPLICATION**

Construction Chemicals Non-Flammable Wood Preservative can be used as required. When sprayed, it will cover between 4 – 6 square metres per litre. When used in a dip-tank, the wood should be less than 20% moisture content and should be immersed for 3 minutes to gain sufficient penetration.

Clear wood preservative with water repellent is ideal for external applications.

### **PRECAUTIONS**

The product is still solvent-based and should be used in well-ventilated areas. The product is not classed as hazardous in normal use.

If swallowed, do not induce vomiting because of Aspiration hazard. Seek medical attention and show label or Material Safety Data Sheet.

Wear protective gloves, overalls and goggles. The solvent can damage bitumen-based sheets when wet, but when dry, no damage will occur.

## PRODUCT SAFETY DATA SHEET

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

Product name: WATER REPELLENT  
Company: CONSTRUCTION CHEMICALS UK LTD  
75 TOWN GREEN ST  
ROTHLEY  
LEICESTER  
LE7 7NW  
Tel: 0116 230 1955  
Fax: 0116 230 1944

### 2. COMPOSITION/INFORMATION OF INGREDIENTS

Hazardous ingredients EEC Number Symbols/Risk Phrases Approx Conc% w/w

### 3. HAZARDS IDENTIFICATION

Inhalation: Liquid and vapour is irritant, may cause drowsiness, dizziness and ultimately unconsciousness  
Skin: Liquid is irritating to skin, may cause dermatitis  
Eyes: Vapour irritating to eyes  
Ingestion: Low viscosity product. If after ingestion vomiting occurs, harmful or fatal if aspirated into the lungs

### 4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If unconscious turn into the recovery position. Get medical help.  
Skin: Wash with soap and water  
Eyes: Flush out with clean water for 10 minutes. Get medical help  
Ingestion: Do not make patient vomit. Place patient in the recovery position. Get medical help

### 5. FIRE FIGHTING MEASURES

Small fires: Use carbon dioxide, dry chemical, foam, sand, earth or water fog.  
Large fires: Use foam or water fog. Keep containers cool by spraying with water

### 6. ACCIDENTAL RELEASE MEASURES

Any spillage may be absorbed into sand, clay or similarly absorbent material. Disposal should be carried out in accordance with the Special Waste Regulations. If any liquid enters drainage systems inform Authorities, Fire Brigade and Environmental Agency.

### 7. HANDLING AND STORAGE

Handling: Ensure good ventilation. Pump at no greater than 7 metres per second.  
Storage: Keep in tightly closed, clearly labelled containers. No smoking. Naked flames, hot elements or other ignition sources must not be present

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OES 8 hrs T W A OEL 8 hrs T W A  
MEL OEL 8 hrs T W A 150  
Protection: Wear impervious gloves and suitable eye protection

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear colourless liquid
Odour:	Mild odour
Boiling point:	152-198
Freezing point:	<-20
Flash point (°C):	38
Auto ignition temp:	230
Explosion limits:	0.9 ó 8.0
Solubility in water:	Insoluble
Solubility in organic:	Miscible with many
Evaporation rate:	6.3 (ether-1)
Density kg/l @ 15°C:	0.778
Vapour density gm/l @ 20°C:	5.5
Viscosity c.ST@20°C:	1.24
Vapour pressure Kpa@20°C:	0.44

## 10. STABILITY AND REACTIVITY

Stable at normal temperatures and pressures. Not reactive at normal temperatures and pressure conditions.

Inhalation:	Not available
Skin contact:	Not available
Eye contact:	Not available
Ingestion:	Not available

## 11. TOXICOLOGICAL INFORMATION

### 12. ECOLOGICAL INFORMATION

LL50	Fish	Low 1	High 10	mg/L
LL50	Daphnia	Low 1	High 10	mg/L
LL50	Algae	Low 1	High 10	mg/L

### 13. DISPOSAL RECOMMENDATIONS

This material must be disposed of via an Authorised Waste/Disposal Company in accordance with Local and National Waste Disposal Regulations.

### 14. TRANSPORT INFORMATION

UN No: 1300	EMS: 3.07	IMDG: Class 3.3
Packaging group: 3	MFAG: 311	Marine pollutant: P
CAS No:64742-88-7	Trans.cat: 3	EEC No: 265-191-7
ICA/IATA: 3	Trans class: 3	ADR: 3.3111 ( C)
Trem card: 30 G 35	Kemler code: 30	Emergency action code: 3(Y)

### 15. REGULATORY INFORMATION

R10:	Flammable
R36/37/38:	Irritating to eyes, respiratory system and skin
R51/53:	Toxic to aquatic organisms, may cause long-term adverse affects in the aquatic environment
R65:	Harmful: may cause lung damage if swallowed

- 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  
S37: Wear suitable gloves  
S43: In case of fire, use foam or dry powder  
S51: Use only in well ventilated areas  
S62: If swallowed do not induce vomiting: seek medical advice immediately and show this container or label

\*Obligatory safety phrases.

Reference should be made to Health and Safety at Work Act and Control of Substances Hazardous to Health Regs.

## **16. OTHER INFORMATION**

An aromatic middle distillate. BOD 53%. Source of enviro-toxicology data CEFIC.

The information given in this document has been compiled on the basis of best available knowledge in accordance with the requirements of the Chemical Hazard Information and Packaging Regulations 1994 (Am 1997). It does not imply that the information is complete or accurate in all cases. It is the user's responsibility to satisfy him/herself as to the application of the information and/or the recommendations given for his/her own use.