


MATERIAL SAFETY DATA SHEET according to EU Directive 93/112/EC		
BORON TIMBER RODS		
Version 3	Print date: 12.2.15	

1. Identification of Substance/Preparation and Company

Product Name	Boron Timber Rods
Company	Biokil Crown Ltd 7 Stadium Ind Park, Long Eaton Nottingham, NG10 2DD
Telephone	0115 946 0060
Fax	0115 946 9767
Emergency Telephone	07967 10 71 95

2. Composition / Information on ingredients

	Risk Symbol	Risk Phrase
Disodium octaborate tetrahydrate 100% w/w CAS No: 12280-03-4	T (Reproduction)	60/61

3. Hazards identification

Classification of the preparation in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (CHIPS 4)
 Toxic for reproduction (Cat 2)
 May impair fertility
 May cause harm to the unborn child

4. First aid measures

SWALLOWING	Do not induce vomiting. Administer milk and seek medical attention immediately. Primary risk from choking. Administer first aid for same. Do not administer anything by mouth to an unconscious person.
EYES	Rinse immediately with water and seek medical advice.
INHALATION	Under normal conditions of use Boron Rods do not constitute an inhalation hazard.
SKIN	Wash affected areas with soap and water.


5. Fire fighting measures

EXTINGUISHING MEDIA	Product is non-combustible.
PPE : FIRE	No special requirements. Recommend gloves and eye/face protection.
PRODUCTS OF COMBUSTION	None
PPE : SPILLAGE	Gloves and eye/face protection.
OTHER INFORMATION (FIRE)	

Exposure to extreme temperature may cause shattering.

6. Accidental release measures

.Vacuum or sweep up spilled material and place into a suitable container (HDPE or Polyethylene bag, steel or HDPE drum, fibreboard keg). Mark container with contents and either return to manufacturer or leave to await disposal.
 If product has entered watercourse inform Police or Fire Brigade

MATERIAL SAFETY DATA SHEET according to EU Directive 93/112/EC		
BORON TIMBER RODS		
Version 3	Print date: 12.2.15	

7. Handling and storage

Wear suitable gloves. Keep out of reach of children. Do not use where food could become contaminated. Store in original container in a safe place under dry conditions at all times. Store apart from food, drink and animal feedstuffs.

Because of its glass like nature, care should be exercised when inserting Boron Rods. Do not strike with a hammer. Push or tap the Rod home with either a wooden or plastic dowel.

Wear suitable eye protection if cutting.

8. Exposure controls / personal protection

Wear suitable gloves (synthetic rubber, nitrile or PVC).
Wash hands and exposed skin before meals and after work.
Engineering controls of operator exposure may replace PPE if it can be shown to give an equal or greater degree of protection.

9. Physical and chemical properties

APPEARANCE:	Clear Glass Rods		
ODOUR:	None		
pH:	N/a	FLASH POINT:	N/a
BOILING POINT:	N/a	AUTO IGNITION:	N/a
MELTING POINT:	900-1000°C		
EXPLOSIVE PROPERTIES:	None	OXIDISING PROPERTIES:	None
VAPOUR PRESSURE:	N/a	DENSITY:	
SOLUBILITY IN WATER:	Soluble		
SOLUBILITY IN SOLVENT:	Insoluble	(SPECIFY SOLVENT):	
PARTITION COEFFICIENT:	N/a		n-Octanol/Water
OTHER INFORMATION	None.		

10. Stability and reactivity

This product is stable and non-reactive if stored and handled correctly. Will react slowly with water to form Boric Acid (non violent reaction).

INCOMPATIBLE SUBSTANCES
Water, strong acids and alkalines

11. Toxicological information

LD₅₀ 1970-2310mg/Kg RAT (ORAL)

Boric Oxide readily hydrolyses to form Boric Acid (LD₅₀ 3000-4000mg/Kg - BORAX)

OES (8HR TWA) 10mg/m³ (STEL) 20mg/ m³

EFFECTS OF ACUTE (OVER) EXPOSURE


SKIN:	This material is not readily absorbed through intact skin. There will probably be no noticeable effects at the site of contact.
EYES:	Possible abrasion wounds from broken glass. Possible mild irritation and redness (transitory).
INHALATION:	Does not constitute an inhalation hazard.
INGESTION:	Stomach pain, nausea and diarrhoea. Possibility of abrasion to the gastric tract.

12. Ecological information

Although Boron is an essential micronutrient, high concentrations can be phytotoxic and toxic to aquatic life.

Do not allow product, waste or waste packaging to contaminate ponds, waterways or ditches.

Does not persist in the soil - not known to bioaccumulate.

MATERIAL SAFETY DATA SHEET according to EU Directive 93/112/EC		
BORON TIMBER RODS		
Version 3	Print date: 12.2.15	

13. Disposal considerations

Dispose of waste in accordance with the Environmental Protection Act 1990. In the majority of cases uncontaminated and lightly soiled waste and scrap can be sent to the manufacturers for recycling. Waste that cannot be recycled should be disposed of preferably by landfill at a site approved and licensed by the Local Authority and operated by a competent, approved and licensed waste disposal contractor. Clean packaging may be disposed of as inert industrial waste. Duty of Care Waste Transfer Form should state: Solid Pesticide.

14. Transport information

PACKAGING GROUP	N/a
HAZARD CLASS	N/a
UN No.	N/a
TREM CARD No.	N/a

OTHER INFORMATION Not classified as hazardous for supply. In mixed loads stow apart from food, drink and animal feedstuffs

15. Regulatory information

This product has been assessed and classified according to The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (CHIPS 4) and The Control of Pesticides Regulations (as amended 1997) (inc Northern Ireland), and ascribed the following risk phrases.

R-Phrase(s): Toxic for reproduction

R61 – May impair fertility

R62 – May cause harm to the unborn child



S-Phrase(s): FOR USE ONLY AS A WOOD PRESERVATIVE
FOR USE BY PROFESSIONAL OPERATORS

The (COSHH) Control of Substances Hazardous to Health Regulations 2002 may apply to the use of this product at work.

Engineering controls of operator exposure must be used where reasonably practicable in addition to the following items of personal protective equipment.

Wear suitable protective clothing and gloves.

AVOID EXCESSIVE CONTAMINATION OF COVERALLS AND LAUNDER REGULARLY.

However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide and equal or higher standard of protection.

DO NOT CONTAMINATE FOODSTUFFS, EATING UTENSILS OR FOOD CONTACT SURFACES.

COVER WATER STORAGE TANKS before application.

This material and its container must be disposed of in a safe way.

Do not contaminate ground, waterbodies or watercourses with chemicals or used container.

ENSURE THERE IS A PHYSICAL BARRIER TO PREVENT CONTACT BY UNPROTECTED PERSONS OR ANIMALS UNTIL TREATED

SURFACES ARE DRY. 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.

WOOD PRESERVATIVE FOR PROFESSIONAL USE AGAINST WOOD ROTTING FUNGI AND WOOD DESTROYING INSECTS.

This product is classified for professional use under the Control of Pesticides Regulations 1986.

HSE Authorisation No: UK-2013-0797

The Control of Substances Hazardous to Health Regulations 1988 (COSHH) will relate to this product if used at work.

MATERIAL SAFETY DATA SHEET according to EU Directive 93/112/EC		
BORON TIMBER RODS		
Version 3	Print date: 12.2.15	

16. Other Information

NOTICE TO CUSTOMER:
ENSURE ALL POTENTIAL USERS OF THIS PRODUCT ARE AWARE OF THIS SDS PRIOR TO PRODUCT'S USE.
KEEP SDS IN A SAFE PLACE READILY LOCATABLE IN CASE OF FUTURE USE.
READ THIS SDS IN CONJUNCTION WITH ANY LABEL AND DIRECTIONS FOR USE ON THE PRODUCT CONTAINER.
DESTROY ALL OBSOLETE COPIES RELATING TO THIS PRODUCT.
THIS SDS RELATES ONLY TO THE PRODUCT SPECIFIED.
COPIES OF THIS DOCUMENT ARE AVAILABLE ON REQUEST.

THIS SAFETY DATA SHEET IS BASED ON THE BEST OF CURRENT INFORMATION AND ADVICE AVAILABLE TO US AND IS BELIEVED TO BE TRUE AND ACCURATE. NO LIABILITY CAN BE ACCEPTED FOR ANY LOSS, DAMAGE OR INJURY AS CONDITIONS OF USE ARE OUTSIDE OUR CONTROL. THIS IS NOT A TECHNICAL SPECIFICATION

HG/02/2015