

# Summary of product characteristics for a biocidal product

**Product name:** Tanalith E 3462

**Product type(s):** PT08 - Wood preservatives (Preservatives)

**Authorisation number:** IE/BPA 70071

**R4BP 3 asset reference number:** IE-0012773-0000

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## Administrative information

### 1.1. Trade names of the product

Tanalith E 3462
Tanalith E 3475

### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	YOU Solutions Germany GmbH
	Address	Freundallee 9a DE 30173 Hannover Germany
<b>Authorisation number</b>	IE/BPA 70071	
<b>R4BP 3 asset reference number</b>	IE-0012773-0000	
<b>Date of the authorisation</b>	09/04/2015	
<b>Expiry date of the authorisation</b>	28/07/2025	

### 1.3. Manufacturer(s) of the biocidal products

<b>Name of the manufacturer</b>	Arch Timber Protection Ltd
<b>Address of the manufacturer</b>	Hexagon Tower, Crumpsall Vale, Blackley M9 8GQ Manchester United Kingdom
<b>Location of manufacturing sites</b>	Leeds Road HD2 1YU Huddersfield United Kingdom

### 1.4. Manufacturer(s) of the active substance(s)

<b>Active substance</b>	1444 - Granulated copper
<b>Name of the manufacturer</b>	YOU Solutions Germany GmbH
<b>Address of the manufacturer</b>	Freundallee 9a DE 30173 Hannover Germany
<b>Location of manufacturing sites</b>	Sirius House, Delta Crescent WA5 7NS Warrington United Kingdom
	2511 Taylor Street, Fort Wayne IN 46802 Indiana United States

<b>Active substance</b>	51 - tebuconazole
<b>Name of the manufacturer</b>	Lanxess Deutschland GmbH
<b>Address of the manufacturer</b>	Kennedyplatz 1 D-56569 Koln Germany
<b>Location of manufacturing sites</b>	Bayer Corp Agricultural Division, P.O. box 4913 Hawthorn Road MO 64120-0013 Kansas City United States

<b>Active substance</b>	48 - 1-[[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
<b>Name of the manufacturer</b>	LANXESS Deutschland GmbH
<b>Address of the manufacturer</b>	Kennedyplatz 1 D-56569 Koln Germany
<b>Location of manufacturing sites</b>	Syngenta Crop Protection AG CH-1870 Monthey Switzerland
	Jiangsu Yangnong Chemical Group Co., Ltd, Wenfeng Road, Yangzhou 225009 Jiangsu China
	Jiangsu SevenContinent Green Chemical Co., Ltd, North Area of Dongsha Chem-Zone, Zhangjiagang 215600 Jiangsu China

<b>Active substance</b>	48 - 1-[[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
<b>Name of the manufacturer</b>	Janssen PMP
<b>Address of the manufacturer</b>	TURNHOUTSEWEG 30 B-2340 BEERSE Belgium
<b>Location of manufacturing sites</b>	Jiangsu SevenContinent Green Chemical Co., Ltd , North Area of Dongsha Chem-Zone, Zhangjiagang 215600 Jiangsu China

## 2. Product composition and formulation

## 2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Granulated copper		Active Substance			9
tebuconazole	1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol	Active Substance	107534-96-3	403-640-2	0,18
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole		Active Substance	60207-90-1	262-104-4	0,18
2-aminoethanol	2-aminoethanol	Non-active substance	141-43-5	205-483-3	30,3

## 2.2. Type of formulation

SL - Soluble concentrate

## 3. Hazard and precautionary statements

### Hazard statements

Harmful if swallowed.  
Causes serious eye damage.  
Harmful if inhaled.  
May cause respiratory irritation.  
Toxic to aquatic life with long lasting effects.  
Contains propiconazole. May produce an allergic reaction.

### Precautionary statements

Avoid breathing vapours.  
Avoid release to the environment.  
IF SWALLOWED: Call a POISON CENTER if you feel unwell.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a doctor.  
Wear protective gloves.  
Wear eye protection.  
Wear protective clothing.  
Wear face protection.

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - Timber Impregnation

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	Wood preservative for wood in use classes 1, 2, 3 and 4, with the exception of wood in direct contact with water
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: Reticulitermes sp. Common name: Termites Development stage: Adults</p> <p>Scientific name: Fungi: Common name: Brown rot fungi Development stage: Hyphae</p> <p>Scientific name: Fungi: Common name: White rot fungi Development stage: Hyphae</p> <p>Scientific name: Fungi: Common name: Soft rot fungi Development stage: Hyphae</p> <p>Scientific name: Coleoptera: Common name: Wood boring beetles Development stage: Larvae</p>
<b>Field(s) of use</b>	<p>Indoor</p> <p>Outdoor</p> <p>Solid wood (soft wood and hard wood), reconstituted solid wood and panels in use classes 1, 2, 3 and 4 with the exception of wood in permanent contact with water</p>
<b>Application method(s)</b>	<p>Method: Closed system: vacuum impregnation Detailed description: Preventive treatment through vacuum pressure treatment. Treatment of panels should be performed after the manufacturing process of the panels.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 7.6 kg/m<sup>3</sup> - 44.44 kg/m<sup>3</sup> Dilution (%): 1.3 - 8.89% Number and timing of application: Apply once Application rate: for use class 1, 2 and 3*, excluding termites: 1.30 - 4.17 % w/v for use class 1 and 2, including termites: 1.72 - 4.17 % w/v for use class 3*, including termites: 1.77 - 4.17 % w/v for use class 4#: 2.55 - 8.89 % w/v for use class 4# niche use (transmission poles): 8.89 % w/v</p> <p>Retention rate (in the analytical zone): for use class 1, 2 and 3*, excluding termites: 7.6 - 16.67 kg/m<sup>3</sup> for use class 1 and 2, including termites: 10.3 - 16.67 kg/m<sup>3</sup> for use class 3, including termites: 10.6 - 16.67 kg/m<sup>3</sup> for use class 4#: 15.3 - 27.8 kg/m<sup>3</sup></p>

for use class 4# niche use (transmission poles): 44.44 kg/m<sup>3</sup>  
\*Please note that for use in railway sleepers (UC3), UC4 retentions (up to 27.8 kg/m<sup>3</sup>) are recommended.  
# with the exception of wood in permanent contact with water.

**Category(ies) of users**

Industrial

**Pack sizes and packaging material**

IBC (intermediate bulk container), Plastic: HDPE , 1000 L  
Road Tanker, stainless Steel , 30 000L

N/A

N/A

**4.1.1 Use-specific instructions for use**

See Direction for use

**4.1.2 Use-specific risk mitigation measures**

See Direction for use

**4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

See Direction for use

**4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See Direction for use

**4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

See Direction for use

## 5. General directions for use

### 5.1. Instructions for use

- Tanalith E 3462 is a water-based concentrate, which is diluted with water to a suitable working strength. Dilution is usually performed in an automated process, but may occasionally occur in a separate mixing vessel. The required amount of concentrate is added to the water and mixed. The working solution is added to the storage tank from which the treatment tank of the industrial vacuum pressure installation is fed.
- Application by industrial vacuum pressure treatment, do not apply by dipping or on site application.
- The professional users should wear gloves, protective clothing, eye/face protection and footwear.
- Contact to food and feedstuffs from impregnated wood should be avoided.
- Treatment of panels should be performed after the manufacturing process, not during manufacturing of the panels.

### 5.2. Risk mitigation measures

The storage of treated wood is restricted to under a protective roof

### 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

The storage of treated wood is restricted to under a protective roof

### 5.4. Instructions for safe disposal of the product and its packaging

Discharge to the sewer system is not permitted. Spills and residues containing the product need to be recycled or need to be removed as chemical waste

### 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

No particular conditions required.

## 6. Other information