

# VINCENTS POLYLINE LTD

**PRODUCT SAFETY DATA SHEET/ DETAILS OF CHEMICAL PRODUCTS**  
of the European Parliament and Council Regulation (EC) No. 453/2010 of 20.05.2010.  
and No. 1907/2006 of 18.12.2006

Date of issue: 21.12.2014.

## WOOD PROTECTION PRESERVATIVE „INWOOD ECO”

Version Nr. 1.0

Printing date:4/15/2015

### 1. Identification of the substance/preparation and of the company/undertaking

#### 1.1. Identification of the substance or preparation

Trend name : **Wood protection preservative "Inwood ECO”**

#### 1.2. Use of the substance/preparation

Main use category :

Antiseptics used in new and reconstructed structures indoors and outdoors - lumber (laths, boards, rafters, beams, etc.) for the protection and for the protection of wood against rot, mildew and long-horned beetle. Treated wood, if necessary, can be covered with paint or varnish.

Use according to company developed instructions.

#### 1.3. Company identification:

1.3.1 Name : Ltd. Vincents Polyline

1.3.2 VAT: 40003358071

1.3.3 Address: Cirulu street 29, Kalngale, Carnikavas region., LV-2163

Phone: +371-67903272

Fakss : +371-67903370

e-mail : [polyline@polyline.vincents.lv](mailto:polyline@polyline.vincents.lv)

1.4. **Emergency telephone number** *Emergency number:* 03 vai 113  
Rescue Service: 112  
Toxicology Centre phones:  
+371-67042468,  
+371-67042468 (24 h)

### 2. Hazards identification

2.1. **Classification of the mixture**  
**In accordance with Directive** N, R50/53  
**1999/45/EC:**

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Version Nr. 1.0

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#### 2.2. Label elements.

Symbols:



**N, R50/53**

#### **N Dangerous for the environment**

Hazard symbol:

R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

R Phrases:

S Phrases:

S1/2 Keep locked up and out of reach of children  
S23 Do not breath spray  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S56 Dispose of this material and its container at hazardous or special waste collection point  
S61 Avoid release to the environment. Referē to special instruction / safety data sheet

#### 2.3. **Additional hazards and instructions:**

#### 2.4. **Active substances**

Tebucanazole 0,07%  
Basic copper carbonate 8%

2.5. **The No. of the biocidal product:** 29042008/4592

#### 2.6. **Additional information:**

Note

:

Freshly treated timber must be stored after treatment under shelter or on impermeable hard standing to prevent direct losses to soil or water. Biocides leaks be collected for reuse or disposal.  
Instruction is part of the label. If accompanied by instructions on the label, the indication "Before use Read the instructions! ").

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#### 3. Composition/Information on ingredients

Short description of the product: Mixture

##### 3.1. Hazardous ingredients:

| Name   | CAS Nr./<br>EC Nr./<br>REACH<br>reģistrācijas<br>numurs | Classification<br>(67/548/EEC<br>un 1999/45/EC )   | Classification<br>(REGULA (EC)<br>No 1272/2008)   | Concentration<br>[%] |
|--|---|--|---|----------------------|
| 2-aminoethanol,<br>100 %<br>(Ethanolamine)<br>(NH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> OH) | 141-43-5/<br>205-483-3/                                 |  Xn;<br>R20/21/22<br>C; R34   | Acute Tox. 4 ; H332<br>Acute Tox. 4 ; H312<br>Acute Tox. 4 ; H302<br>Skin Corr. 1B; H314<br>STOT SE 3; H335                               | 20 – 25              |
| Tebucanozole   | 107534-96-3/<br>403-640-2/<br>603-197-007               |   Xn;<br>N<br>R: 22-51/53-63 | Repr. 2 Acute Tox. 4;<br>H302<br>Aquatic Chronic 2; H411  | 0,07                 |
| Basic copper<br>carbonate  | 12069-69-1/<br>235-113-6                                |   Xn; N<br>R20/22 – 50/53    | GHS07<br>Danger<br>Acute Tox. 4; H302<br>Acute Tox. 4 ; H332  | 8,0                  |
| Benzoil chloride   | 98-88-4/<br>202-710-8                                   |  Xn; R20/21/22<br>C; R34 R43  | GHS05<br>GHS07<br>Danger<br>Acute Tox. 4 ; H332<br>Acute Tox. 4; H312<br>Acute Tox. 4; H302<br>Skin Corr. 1B ; H314<br>Skin Sens. 1; H317 | 0,15                 |

#### 4. First-aid measures

##### 4.1. Description of first aid measures

###### Inhalation

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

###### Skin contact

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. **NEVER** use solvents or thinners.

###### Eye contact

If wearing contact lenses, remove them. Wash eyes with plenty of

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---

|  |  |
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|  | clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.  |
| <b>Ingestion</b>   | If accidentally ingested, seek immediate medical attention. Keep calm. <b>NEVER</b> induce vomiting. |
| <b>4.2. Most important symptoms and effects, both acute and delayed</b>                |  |
| Symptoms :   | Not known  |
| <b>4.3. Indication of any immediate medical attention and special treatment needed</b> | In case of doubt or when symptoms of feeling unwell persist, get medical attention.                  |

#### 5. FIREFIGHTING MEASURES

|  |   |
|--|---|
| <b>5.1. Recommended extinguishing methods</b>  | Extinguisher powder or CO <sub>2</sub> . In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.               |
| <b>5.2. Special hazards arising from the mixture</b><br>Special hazards during fire: | The mixture does not burn, is not flammable and not explosive. Burning or heat can be released irritating and toxic gases - boron and sodium oxides.                                  |
| <b>5.3. Advice for firefighters</b><br>Fire protection equipment:                    | According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves. |

#### 6. ACCIDENTAL RELEASE MEASURES

|  |  |
|--|--|
| <b>6.1. Personal precautions, protective equipment:</b>          | For exposure control and individual protection measures, see section 8.3.  |
| <b>6.2. Environmental precautions:</b>                           | Prevent the contamination of drains, surface or subterranean waters, and the ground.   |
| <b>6.3. Methods and material for containment and cleaning up</b> | Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate decontaminator. |
| <b>6.4. Reference to other sections</b>                          | For exposure control and individual protection measures, see section 8.  |

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### WOOD PROTECTION PRESERVATIVE „INWOOD ECO”

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For later elimination of waste, follow the recommendations under section 13.

#### 7. HANDLING AND STORAGE

- 7.1. Precautions for safe handling** For personal protection, see section 8.  
In the application area, smoking, eating, and drinking must be prohibited.  
Follow legislation on occupational health and safety.  
Keep the product in containers made of a material identical to the original.
- 7.2. Conditions for safe storage, including any incompatibilities** Store according to local legislation. Observe indications on the label. Store the containers between 5 and 35 °C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points.
- 7.3. Specific end use(s)**

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. Control parameters** Containing substances with occupational exposure limit values:  
(boric acid: RES-10 mg /m<sup>3</sup>; monoethanolamine: AER-0.5 mg / m<sup>3</sup>)
- Mixture (substance solution in water) is not fixed
- 8.2. Exposure controls**
- 8.3. Personal protective equipment:**
- **Breathing protection** Full-type respirator should be used in cases of spray mixture, or using a mixture of poorly ventilated spaces.
  - **Hand protection** PVC gloves
  - **Eye protection** Tightly fitting safety glasses with side shields; facial mask - according to NIOSH (AS) or EN 374th
  - **Skin protection** Work protective clothing and footwear
  - **Hygienic measures** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the working day.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

##### 9.1. Information on basic physical and chemical properties

Appearance

Liquid

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### WOOD PROTECTION PRESERVATIVE „INWOOD ECO”

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---

|  |                                      |
|--|--------------------------------------|
| Colour                                   | Green                                |
| Odour                                    | Characteristic odour                 |
| Odour threshold                          | N.A.                                 |
| pH                                       | 9,5 – 10                             |
| Melting point                            | N.A.                                 |
| Boiling Point                            | >250 °C                              |
| Flash point                              | N.A.                                 |
| Inflammability                           | N.A.                                 |
| Relative density                         | N.A.                                 |
| Density                                  | 1,05 – 1,15 g/m <sup>3</sup> (20 °C) |
| Solubility                               | Soluble                              |
| Liposolubility                           | N.A.                                 |
| Partition coefficient (n-octanol /water) | N.A.                                 |
| Auto-ignition temperature:               | N.A.                                 |
| Decomposition temperature:               | N.A.                                 |
| Explosive properties                     | N.A.                                 |
| Oxidizing properties                     | N.A.                                 |
| N.A.= Not Available                      |                                      |

#### 9.2. Other information

#### 10. STABILITY AND REACTIVITY

- |  |   |
|--|---|
| <b>10.1. Reactivity.</b>                       | The product does not present hazards by their reactivity.                     |
| <b>10.2. Chemical stability</b>                | Stable under the recommended handling and storage condition: (see section 7). |
| <b>10.3. Possibility of hazardous reaction</b> | The product does not present possibility of hazardous reactions               |

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Version Nr. 1.0

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|---|--|
| <b>10.4. Conditions to avoid</b>              | Avoid temperatures near or above the flash point. Do not heat closed containers  |
| <b>10.5. Incompatible materials</b>           | Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.                 |
| <b>10.6. Hazardous decomposition products</b> | In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides. |

#### 11. TOXICOLOGICAL INFORMATION

##### 11.1. Information on toxicological effects

Acute toxicity

##### **Boric acid CAS-No. 10043-35-3**

LD50 / rat = 2600 mg / kg

LD50 / mouse = 3450 000 mg / kg

People 5-20 g of the substance can cause death.

LD50/rabbit : > 2000 mg/kg

##### **Ethanolamine CAS Nr. 141-43-5**

LD50 / rat = 1515 mg / kg

People 50 g of the substance can cause death

LD50/rabbit : = 1025 mg/kg

##### **Tebucanazole CAs Nr. 107534-96-3**

LD50/ rat = 4000 mg/kg

Skin corrosion / irritation

The mixture can cause skin irritation

Serious eye damage / eye irritation

Mixture may cause eye irritation

Sensitization

Not sensitizing

Carcinogenesis

There is no evidence of carcinogenicity.

Mmutagenesis

There is no evidence of mutagenity.

Reproductive toxicity.

N/A

Repeated dose toxicity

N/A

#### 12. Ecological information

##### 12.1. Toxicity

**Water environmental toxicity**

##### **Tebucanazole**

EC50 = 2,79 mg/L (gaphnia magna), 48h

IC50 = 3,8 mg/L (pseudokirchneriella), 72 h

LC50 = 4,4 mg/L (Oncorhynchus mykiss), 96 h

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#### 12.2. Persistence and degradability Biodegradability

N/A

#### 12.3. Bioaccumulative potencial

LogP<sub>ow</sub> 3,5

#### 12.4. Mobility in soil

##### Distribution among environmental compartments

The mixture soluble in water. Boron is an essential trace element for plant with total concentration - 10 mg B / kg in the earth's crust. However, the increased amount of boron can be harmful to plants. Boron can get into ground and surface waters through atmospheric processes and to a much lesser extent, from anthropogenic sources.

#### 12.5. Results of PBT and vPvB assessment

This mixture is not considered to be persistent, bioaccumulative and toxic (PBT).

This mixture is not considered to be very persistent, very bioaccumulative (vPvB).

#### 12.6. Other adverse effects and information

### 13. Disposal considerations

#### 13.1. Waste treatment methods Product

Avoid flooding the mixture drains. Eliminate or wherever possible, to reduce waste generation. Empty containers or liners may retain some product residues. This material and its container must be disposed in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal services. The disposal of the product must comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

#### Packaging

The empty packaging not to use again. Dispose of as special waste in accordance with local and national regulations

### 14. Transport information

#### 14.1. UN No.

No

#### 14.2. Proper shipping name

No

#### 14.3. Transport hazard class

ADR

Does not apply

RID

Does not apply

IMDG

Does not apply

IATA

Does not apply



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---

|   |            |
|---|------------|
| <b>14.4. Packing group</b>  | <i>No</i>  |
| <b>14.5. Environmental hazards</b>  | <i>No</i>  |
| <b>14.6. Special precautions for users</b>  |            |
| <b>14.7. Transport in bulk according to Annex N/A II of MARPOL 73/78 and the IBC Code</b> | <i>N/A</i> |

#### 15. Regulatory information

##### 15.1. Safety, health and environmental regulations/legislation specific for the mixture

The safety data sheet developed in accordance with Commission Regulation regulations/legislation specific (EC) No. 453/2010 amending Regulation (EC) No. 1907/2006. Labeling and for the mixture classification developed in accordance with EC Directives (67/548 / EEC and 1999/45 / EC) and the Cabinet Regulation No. 107 (12.3.2002) and Regulation (EC) No. 1272/2008 (16.12.2008.) Of substances and mixtures classification, labeling and packaging, amending and repealing Directive 67/548 / EEC and 1999/45 / EC and Regulation (EC) No, 1907/2006.

Latvian hazardous waste management is carried out according to 28.10.2010. Law "Waste Management Law" and 16.12.2010. Law "On Amendments to the Law on Waste Management", Cabinet Regulation No. 484 (21.06.2011.) "Hazardous waste tracking, identification, storage, packaging, labeling and shipping procedures for accounting" and Cabinet Regulation No, 302 (19.04.2011.) "Regulations on waste classification and characteristics making waste hazardous."

Transport information developed under the United Nations European Agreement on Dangerous Goods by Road Transport, applicable from 01.01.2011., Under the Convention on International Carriage by Rail Appendix B to Annex 1 (effective from 01.01.2011).

Gathering information, taken into account the Cabinet of Ministers Regulations No. 325 (15.05.2007.) Occupational health and safety requirements for exposure to chemicals in the workplace, Regulation (EC) No. 2009/161 establishing a workplace exposure limit levels indicative list of the third and amending Commission Directive 2000/39 / EC Council Directive 98/24 / EC (7 April 1998) "on workers' health and safety protection against risks related to chemical agents at work. ", Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Regulation (EC) No. 850/2004 "on Persistent Organic Pollutants", amending Directive 79/117 / EEC.

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Version Nr. 1.0

Printing date:4/15/2015

#### 16. Other information

##### 16.1 Elsewhere unspecified substance hazards.

Complete text of the R phrases that appear in section 3:

R34 Causes burns

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed

R43 May cause sensitisation by skin contact

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R60 May impair fertility

R61 May cause harm to the unborn child

##### Complete text of the H phrases that appear in section 3:

H302 Harmful if swallowed

H312 Harmful in contact with skin

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction

H332 Harmful if inhaled

H335 May cause respiratory irritation.

H360FD May impair fertility. May damage the unborn child.

##### Full text:

C Corrosive

N Dangerous for the environment

Xi Irritant

Xn Harmful

**Abbreviations:** 67/548 / EEC = Dangerous Substances Directive. 1999/45 / EC = Dangerous Preparations Directive. EC Regulation No 1272/2008 = Regulation for substances and mixtures classification, labeling and packaging. IATA = International Air Transport Association. IMDG = International Maritime Dangerous Goods Code. RID = contract for the transport of dangerous goods by rail. ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road. TWA = time-weighted average. STEL = Short term exposure limit. AER + Occupational exposure limit value 8.st. ; LC50 - median lethal koncentracija; LD 50 - The average lethal dose; EC50 - effective trough; N.p.d. - No data are available; vPvB - very persistent and very bioaccumulative chemicals; PBT-persistent, bioaccumulative, toxic chemicals.

This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number).

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.