

# Summary of product characteristics for a biocidal product

**Product name:** Laqvin Seal AA1950

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

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**Authorisation number:**

**R4BP 3 asset reference number:** DK-0003274-0000

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## Administrative information

### 1.1. Trade names of the product

Laqvin Seal AA1950
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### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	Sherwin-Williams Sweden AB
	Address	Box 2016 19502 Märsta Sweden
<b>Authorisation number</b>		
<b>R4BP 3 asset reference number</b>	DK-0003274-0000	
<b>Date of the authorisation</b>	24/05/2013	
<b>Expiry date of the authorisation</b>	01/04/2020	

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

<b>Name of the manufacturer</b>	Sherwin-Williams Sweden AB
<b>Address of the manufacturer</b>	Box 2016 SE-195 02 Märsta Sweden
<b>Location of manufacturing sites</b>	Bellö SE-57032 Hjärtevad Sweden

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

<b>Active substance</b>	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
<b>Name of the manufacturer</b>	Troy Chemical Company
<b>Address of the manufacturer</b>	One Avenue L NJ 07105 Newark United States
<b>Location of manufacturing sites</b>	One Avenue L NJ 07105 Newark 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>	Syngenta Crop Protection AG
<b>Address of the manufacturer</b>	CH-4058 CH-4058 Basel Belgium
<b>Location of manufacturing sites</b>	CH-4058 CH-4058 Basel Belgium
<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, a division of Janssen Pharmaceutica NV
<b>Address of the manufacturer</b>	Turnhoutseweg 30 2340 Beerse Belgium
<b>Location of manufacturing sites</b>	North Area of Dongsha Chem-Zone. 215600 Zhangjiagang 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 (%)
3-iodo-2-propynylbutylcarbamate (IPBC)		Active Substance	55406-53-6	259-627-5	0.3
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	0.9
Benzisothiazol- 3(2h)-one	1,2-benzothiazol-3-one		2634-33-5	220-120-9	0.006
amines, coco alkyl, ethoxylated			61791-14-8	500-152-2	0.003

Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (Fatty Alcohol, sulphate)	85586-07-8	287-809-4	0.5
Ethane-1,2-diol	107-21-1	203-473-3	0.005
2,4,7,9-Tetramethyldec-5-yne-4,7-diol	126-86-3	204-809-1	0.005
WOCOSEN WFC			10.6
Glycol ether	34590-94-8	252-104-2	0.35
Glycol	57-55-6	200-338-0	0.9
Water	7732-18-5	231-791-2	87.34

## 2.2. Type of formulation

Other: Water based (Ready-to-use)

## 3. Hazard and precautionary statements

### Hazard statements

Harmful to aquatic life with long lasting effects.  
Contains IPBC; propiconazole and 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

### Precautionary statements

Avoid release to the environment.  
Dispose of contents to an approved waste disposal plant..

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - Non-professional - Brush/Roller

#### Product type

PT08 - Wood preservatives (Preservatives)

#### Where relevant, an exact description of the authorised use

User category: Non-professional. Application method: Brush/RollerFunction: Preventative

Wood rotting fungi (decay fungi)-not applicable

<b>Target organism(s) (including development stage)</b>	Wood disfiguring fungi (blue stain, sapstain and molds)-not applicable
<b>Field(s) of use</b>	Outdoor  Authorisation is granted for Use Class 2 and Use Class 3. The product is for use on timbers not in ground contact, either continually exposed to the weather or protected from the weather but subject to frequent wetting.
<b>Application method(s)</b>	Brushing (or roller) - Application with a brush Application with a roller
<b>Application rate(s) and frequencies</b>	For applications against blue stain, decay fungi, sapstain and molds the acceptable application rate of the product is 80 - 160 g of product per m2 which can be achieved by 1-2 applications. In each case it should be ensured that the maximum application of product would only reach 160 g/m2. - 100 - 1-2 applications
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Container - Lined metal or HDPE - Up to 5 Litres

#### 4.1.1 Use-specific instructions for use

See other section.

#### 4.1.2 Use-specific risk mitigation measures

See other section.

#### 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 other section.

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

See other section.

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

See other section.

#### 4.2 Use description

##### Use 2 - Professional - Brush/Roller

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	User category: Professional Application method: Brush/Roller  Function: Preventative
<b>Target organism(s) (including development stage)</b>	Wood rotting fungi (decay fungi)-not applicable  Wood disfiguring fungi (blue stain, sapstain and molds)-not applicable
<b>Field(s) of use</b>	Outdoor  Authorisation is granted for Use Class 2 and Use Class 3. The product is for use on timbers not in ground contact, either continually exposed to the weather or protected from the weather but subject to frequent wetting.
<b>Application method(s)</b>	Brushing (or roller) - Application with a brush Application with a roller
<b>Application rate(s) and frequencies</b>	For applications against blue stain, decay fungi, sapstain and molds the acceptable application rate of the product is 80 - 160 g of product per m <sup>2</sup> which can be achieved by 1-2 applications. In each case it should be ensured that the maximum application of product would only reach 160 g/m <sup>2</sup> . - 100 - 1-2 applications
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	Container - Lined metal or HDPE - Up to 25 Litres

##### 4.2.1 Use-specific instructions for use



See other section.

#### 4.2.2 Use-specific risk mitigation measures

See other section.

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

See other section.

#### 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See other section.

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

See other section.

### 4.3 Use description

#### Use 3 - Non-professional - Spraying

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	User category: Non-professional Application method: Spraying Function: Preventative
<b>Target organism(s) (including development stage)</b>	Wood rotting fungi (decay fungi)-not applicable Wood disfiguring fungi (blue stain, sapstain and molds)-not applicable
<b>Field(s) of use</b>	Outdoor  Authorisation is granted for Use Class 2 and Use Class 3. The product is for use on timbers not in ground contact, either continually exposed to the weather or protected from the weather but subject to frequent wetting.
<b>Application method(s)</b>	Spraying - Application with a sprayer

**Application rate(s) and frequencies**

For applications against blue stain, decay fungi, sapstain and molds the acceptable application rate of the product is 80 - 160 g of product per m<sup>2</sup> which can be achieved by 1-2 applications. In each case it should be ensured that the maximum application of product would only reach 160 g/m<sup>2</sup>. - 100 - 1-2 applications

**Category(ies) of users**

General public (non-professional)

**Pack sizes and packaging material**

Container - Lined metal or HDPE - Up to 5 Litres

**4.3.1 Use-specific instructions for use**

See other section.

**4.3.2 Use-specific risk mitigation measures**

See other section.

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

See other section.

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

See other section.

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

See other section.

**4.4 Use description**

#### Use 4 - Professional - Spraying

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	User category: Professional Application method: Spraying Function: Preventative
<b>Target organism(s) (including development stage)</b>	Wood rotting fungi (decay fungi)-not applicable Wood disfiguring fungi (blue stain, sapstain and molds)-not applicable
<b>Field(s) of use</b>	Outdoor  Authorisation is granted for Use Class 2 and Use Class 3. The product is for use on timbers not in ground contact, either continually exposed to the weather or protected from the weather but subject to frequent wetting.
<b>Application method(s)</b>	Spraying - Application with a sprayer
<b>Application rate(s) and frequencies</b>	For applications against blue stain, decay fungi, sapstain and molds the acceptable application rate of the product is 80 - 160 g of product per m <sup>2</sup> which can be achieved by 1-2 applications. In each case it should be ensured that the maximum application of product would only reach 160 g/m <sup>2</sup> . - 100 - 1-2 applications
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	Container - Lined metal or HDPE - Up to 25 Litres

#### 4.4.1 Use-specific instructions for use

See other section.

#### 4.4.2 Use-specific risk mitigation measures

See other section.

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

See other section.

#### 4.4.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See other section.

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

See other section.

### 4.5 Use description

#### Use 5 - Professional – Manual dipping

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	User category: Professional Application method: Manual dipping Function: Preventative
<b>Target organism(s) (including development stage)</b>	Wood rotting fungi (decay fungi)-not applicable Wood disfiguring fungi (blue stain, sapstain and molds)-not applicable
<b>Field(s) of use</b>	Outdoor  Authorisation is granted for Use Class 2 and Use Class 3. The product is for use on timbers not in ground contact, either continually exposed to the weather or protected from the weather but subject to frequent wetting.
<b>Application method(s)</b>	manual dipping - Manual dipping
<b>Application rate(s) and frequencies</b>	For applications against blue stain, decay fungi, sapstain and molds the acceptable application rate of the product is 80 - 160 g of product per m <sup>2</sup> which can be achieved by 1-2 applications. In each case it should be ensured that the maximum application of product would only reach 160 g/m <sup>2</sup> . - 100 - 1-2 applications
<b>Category(ies) of users</b>	Trained professional  Professional  Container - Lined metal or HDPE - Up to 25 Litres

## Pack sizes and packaging material

### 4.5.1 Use-specific instructions for use

See other section.

### 4.5.2 Use-specific risk mitigation measures

See other section.

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

See other section.

### 4.5.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See other section.

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

See other section.

## 4.6 Use description

### Use 6 - Industrial – Automated spraying, flow coating (deluge), and manual dipping

#### Product type

PT08 - Wood preservatives (Preservatives)

#### Where relevant, an exact description of the authorised use

User category: Industrial  
Application method: Automated Spraying, Flow coating (deluge) and manual dipping  
Function: Preventative

#### Target organism(s) (including development stage)

Wood rotting fungi (decay fungi)-not applicable  
Wood disfiguring fungi (blue stain, sapstain and molds)-not applicable

**Field(s) of use**

Outdoor

Authorisation is granted for Use Class 2 and Use Class 3. The product is for use on timbers not in ground contact, either continually exposed to the weather or protected from the weather but subject to frequent wetting.

**Application method(s)**

Automated spraying -  
Not applicable

Flow coating (deluge) -  
Not applicable

Manual dipping -  
Not applicable

**Application rate(s) and frequencies**

For applications against blue stain, decay fungi, sapstain and molds the acceptable application rate of the product is 80 - 160 g of product per m2 which can be achieved by 1-2 applications. In each case it should be ensured that the maximum application of product would only reach 160 g/m2. - 100 - 1-2 applications

For applications against blue stain, decay fungi, sapstain and molds the acceptable application rate of the product is 80 - 160 g of product per m2 which can be achieved by 1-2 applications. In each case it should be ensured that the maximum application of product would only reach 160 g/m2. - 100 - 1-2 applications

For applications against blue stain, decay fungi, sapstain and molds the acceptable application rate of the product is 80 - 160 g of product per m2 which can be achieved by 1-2 applications. In each case it should be ensured that the maximum application of product would only reach 160 g/m2. - 100 - 1-2 applications

**Category(ies) of users**

Industrial

**Pack sizes and packaging material**

Container - Lined metal or HDPE - Up to 1000 Litres

**4.6.1 Use-specific instructions for use**

See other section.

**4.6.2 Use-specific risk mitigation measures**

See other section.

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

See other section.

#### 4.6.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See other section.

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

See other section.

### 4.7 Use description

#### Use 7 - Industrial – Automatic dipping

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	User category: Industrial Application method: Automatic dipping Function: Preventative
<b>Target organism(s) (including development stage)</b>	Wood rotting fungi (decay fungi)-not applicable Wood disfiguring fungi (blue stain, sapstain and molds)-not applicable
<b>Field(s) of use</b>	Outdoor  Authorisation is granted for Use Class 2 and Use Class 3. The product is for use on timbers not in ground contact, either continually exposed to the weather or protected from the weather but subject to frequent wetting.
<b>Application method(s)</b>	Automatic dipping - Not applicable
<b>Application rate(s) and frequencies</b>	For applications against blue stain, decay fungi, sapstain and molds the acceptable application rate of the product is 80 - 160 g of product per m <sup>2</sup> which can be achieved by 1-2 applications. In each case it should be ensured that the maximum application of product would only reach 160 g/m <sup>2</sup> . - 100 - 1-2 applications

**Category(ies) of users**

Industrial

**Pack sizes and packaging material**

Container - Lined metal or HDPE - Up to 1000 Litres

#### **4.7.1 Use-specific instructions for use**

See other section.

#### **4.7.2 Use-specific risk mitigation measures**

See other section.

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

See other section.

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

See other section.

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

See other section.

### **5. General directions for use**

#### **5.1. Instructions for use**



This biocidal product is only for use in use class 2 and 3 according to DS/EN335-1, against wood disfiguring fungi (blue stain, sapstain and molds) and wood rotting fungi (decay fungi).  
The biocidal product may only be applied in doses from 80 - 160 ml/m<sup>2</sup>. The product may be applied from non-professional and professionals by brush, roller and manual spray and in addition by manual dipping by professional. The product may be applied industrial by automated and manual dipping, automated spray and flow coating.  
The biocidal product may not be used against other pests and not in higher doses than given in the user manual.  
The biocidal product may not be used for tree in direct contact to food and feed.  
The biocidal product Laqvin Seal AA1950 may be used in the dose given for fully automated dipping, where all steps in the treatment and drying procedure are mechanised and no manual handling is involved, including transportation of the treated articles through the dipping tank to the drain/drying area and the store (if they are not already dry on the surface, before they are transferred to the store). If necessary the wood-articles should be fastened with clamping gear before treatment and during dipping and should not be handled manually, before the surface of the treated articles are dry  
Treated wood may only be used indoor for window frames and outer doors.  
The biocidal product may not be applied indoor.  
When applying the product ground must be covered in a way that collects potential spillage.  
Treated wood must be surface treated with e.g. paint. The surface treatment must be maintained on an ongoing basis.  
The product may not be emptied into drains.  
Wash hands after use.

Supplementary directions for professional and industrial use:  
After treatment newly treated wood must be stored covered or on a hard and impermeable ground to prevent direct spillage to soil and groundwater.  
Potential spillage is collected for reuse or disposal.  
Treated wood must be surface treated with e.g. paint. The surface treatment must be maintained on an ongoing basis.  
The underlined declaration must be clearly marked on a factasheet or the like following the wood.

## 5.2. Risk mitigation measures

See under instructions for use.

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

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

This material and its container must be disposed of in a safe way. Do not release into the environment or drains.  
Packaging should not be re-used or recycled. Unused biocidal product must be disposed of as dangerous waste at appropriate collection sites. Empty containers can be disposed with ordinary Waste.

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

Keep out of reach of children. Keep away from food, drink and animal feed stuffs.  
Store product in tightly closed original containers. Shelf-life 18 months.

## 6. Other information