

# Summary of product characteristics for a biocidal product

**Product name:** AQUA LIGNEX I Nuss Hell 3 LM

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

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**Authorisation number:** AT-0016052-BPF

**R4BP 3 asset reference number:** AT-0016052-0019

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## Administrative information

### 1.1. Trade names of the product

AQUA LIGNEX I Nuss Hell 3 LM
Trattamento protettivo 3 in 1 Nuss Hell 3 LM
Aquaprofi HSL Biv Nuss Hell 3 LM

### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	J.F. Amonn Srl/GmbH
	Address	Via Altmann 12 Altmannstraße I-39100 Bolzano/Bozen Italy
<b>Authorisation number</b>	AT-0016052-BPF 1-1	

<b>R4BP 3 asset reference number</b>	AT-0016052-0019
<b>Date of the authorisation</b>	22/05/2023
<b>Expiry date of the authorisation</b>	22/05/2028

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

<b>Name of the manufacturer</b>	Amonn Coatings GmbH
<b>Address of the manufacturer</b>	An der Landesbahn 7 2100 Korneuburg Austria
<b>Location of manufacturing sites</b>	An der Landesbahn 7 2100 Korneuburg Austria

#### 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.V.
<b>Address of the manufacturer</b>	Uiverlaan 12e 3140 AC Maassluis Netherlands
<b>Location of manufacturing sites</b>	8 Vreeland Road 07932 Florham Park, New Jersey United States
<b>Active substance</b>	1342 - Permethrin
<b>Name of the manufacturer</b>	LANXESS Deutschland GmbH
<b>Address of the manufacturer</b>	Kennedyplatz 1 50569 Cologne Germany
<b>Location of manufacturing sites</b>	Bilag Industries Pvt Ltd 306/3, II Phase, GIDC, 396195 Vapi India

## 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 (%)
Permethrin		Active Substance	52645-53-1	258-067-9	0,1
3-iodo-2-propynylbutylcarbamate (IPBC)		Active Substance	55406-53-6	259-627-5	0,8

### 2.2. Type of formulation

AL - Any other liquid

## 3. Hazard and precautionary statements

**Hazard statements**

Very toxic to aquatic life with long lasting effects.

Contains reaction mass of CMIT/MIT (5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), BIT (1,2-benzisothiazolin-3-one), MIT (2-methyl-2H-isothiazol-3-one), IPBC (3-iodo-2-propynylbutylcarbamate) and permethrin. May produce an allergic reaction.

**Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read carefully and follow all instructions.

Avoid release to the environment.

Collect spillage.

Dispose of contents to In accordance with local regulations..

Dispose of container to in accordance with local regulations..

**4. Authorised use(s)****4.1 Use description**

**Use 1 - Use # 1 – Wood boring beetles, wood discolouring fungi – brushing – non-professional user, indoor/outdoor**

**Product type**

PT08 - Wood preservatives (Preservatives)

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

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

Scientific name: wood boring beetles  
 Common name: Wood boring beetles (shown on H. bajulus)  
 Development stage: Larvae

Scientific name: not applicable  
 Common name: wood discolouring fungi (bluestain)  
 Development stage:

**Field(s) of use**

Indoor

Outdoor

Application (i.e. brushing): indoor, outdoor

Preventive preservation of wood used indoors and outdoors, above ground and not in direct contact to water (e.g. garage doors, wooden sidings of outer walls, etc.). Please mind the restrictions.

The product is formally validated in use class 1 and against all target organisms in situations of use classes 2 and 3.

Method: Brushing

<b>Application method(s)</b>	Detailed description: ---
<b>Application rate(s) and frequencies</b>	Application Rate: 200 g b.p /m <sup>2</sup> Dilution (%): - Number and timing of application: Frequency: One single treatment with ca. 200 g b.p./m <sup>2</sup> includes the application of 2 (minimum) to 3 layers of the biocidal product depending on the adsorption of the wooden substrate.
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Lacquer lined tin can (0.75 L, 1 L, 2.5 L, 4 L, 5 L, 6 L), closure: lever lid, lacquer lined tin

#### 4.1.1 Use-specific instructions for use

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#### 4.1.2 Use-specific risk mitigation measures

For indoor application of the product the treated area is restricted to a maximum of 2 m<sup>2</sup>.

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N-127: Do not apply directly on or near food, feed or drinks, or on surfaces or utensils likely to be in direct contact with food, feed, drinks and livestock/pets.

N-246: During product application (to timbers) and whilst surfaces are drying, do not contaminate the environment. All losses of the product have to be contained by covering the ground (e.g. by tarpaulin) and disposed of in a safe way.

N-241 modified: Application of this product is not allowed into, above or adjacent to surface water. Release into the aquatic compartment must be prevented.

#### 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

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

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

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**4.2 Use description**

**Use 2 - Use # 2 – Wood boring beetles, wood discolouring fungi – brushing - professional user - indoor/outdoor**

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: wood boring beetles            Common name: Wood boring beetles (shown on H. bajulus)            Development stage: Larvae</p> <p>Scientific name: not applicable            Common name: wood discolouring fungi (bluestain)            Development stage:</p>
<b>Field(s) of use</b>	<p>Indoor</p> <p>Outdoor</p> <p>Application (i.e. brushing): indoor, outdoor</p> <p>Preventive preservation of wood and wood products for use indoors and outdoors, for wood above ground and not in direct contact to water (e.g. garage doors, wooden sidings of outer walls, etc.)            For use class 1 (wood installed indoors not exposed to weather or wetting) the application of the product is restricted to static, small-scale wooden structures.</p> <p>The product is formally validated in use class 1 and against all target organisms in situations of use classes 2 and 3.</p>
<b>Application method(s)</b>	<p>Method: Brushing            Detailed description:            ---</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 200 g b.p/m<sup>2</sup>            Dilution (%): -            Number and timing of application:            Frequency: One single treatment with ca. 200 g b.p./m<sup>2</sup> includes the application of 2 (minimum) to 3 layers of the biocidal product depending on the adsorption of the wooden substrate.</p>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	Lacquer lined tin can (0.75 L, 1 L, 2.5 L, 4 L, 5 L, 6 L, 20 L, 25 L), closure: lever lid, lacquer lined tin

HDPE drum with lid and HDPE clamping ring (100 L)

#### 4.2.1 Use-specific instructions for use

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#### 4.2.2 Use-specific risk mitigation measures

N-78: Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).  
N-127: Do not apply directly on or near food, feed or drinks, or on surfaces or utensils likely to be in direct contact with food, feed, drinks and livestock/pets.  
N-246: During product application (to timbers) and whilst surfaces are drying, do not contaminate the environment. All losses of the product have to be contained by covering the ground (e.g. by tarpaulin) and disposed of in a safe way.  
N-241, modified: Application of this product is not allowed into, above or adjacent to surface water. Release into the aquatic compartment must be prevented.

#### 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

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

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

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### 4.3 Use description

#### Use 3 - Use # 3 – Wood boring beetles, wood discolouring fungi – industrial superficial applications (brushing, automated spraying, manual dipping, flow coating/deluge treatment) - industrial user – indoor

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: wood boring beetles Common name: Wood boring beetles (shown on H. bajulus) Development stage: Larvae  Scientific name: not applicable Common name: wood discolouring fungi (bluestain) Development stage:
<b>Field(s) of use</b>	Indoor  Application: indoor  Preventive preservation of wood and wood products for use indoors and outdoors, for wood above ground and not in direct contact to water (e.g. garage doors, wooden sidings of outer walls, etc.) For use class 1 (wood installed indoors not exposed to weather or wetting) the application of the product is restricted to static, small-scale wooden structures.  The product is formally validated in use class 1 and against all target organisms in situations of use classes 2 and 3.
<b>Application method(s)</b>	Method: Industrial superficial applications: Brushing, automated spraying, dipping or flow coating/deluge treatment in industrial settings. Dipping is restricted to manual dipping. Detailed description: ---
<b>Application rate(s) and frequencies</b>	Application Rate: 200 g b.p/m <sup>2</sup> Dilution (%): - Number and timing of application: Frequency: One single treatment with ca. 200 g b.p./m <sup>2</sup>
<b>Category(ies) of users</b>	Industrial
<b>Pack sizes and packaging material</b>	Lacquer lined tin can (20 L, 25 L), closure: lever lid, lacquer lined tin HDPE drum with lid and HDPE clamping ring (100 L) IBC (HDPE) with HDPE screw closure (1000 L)

#### 4.3.1 Use-specific instructions for use

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#### 4.3.2 Use-specific risk mitigation measures

N-78: Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).  
N-13: All industrial application processes must be carried out within a contained area situated on impermeable hard standing with bunding to prevent run-off and a recovery system in place (e.g. sump).  
N-370: Freshly treated timber must be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water, and that any losses of the product, including any contaminated water/soil must be collected for reuse or disposal in accordance with local/national/international requirements.

For automated spraying, manual dipping, flow coating/deluge treatment the following RMM applies:  
N-10: Wear a protective coverall [type 6, EN 13034 or type 3, EN 14605 or type 4, EN 14605]\*.  
\* Applicant to specify the coverall type within the product information (SDS, etc...)

#### 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

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

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

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### 5. General directions for use

#### 5.1. Instructions for use

N-359: Comply with the instructions for use  
Strip any old, badly adhering layers of paint. The wood to be treated must be dry and free from dust and grease. Do not apply at temperatures below +10°C (air, surface and product). Stir well before applying.  
Apply in total approximately 200 g b.p./m<sup>2</sup>.  
Waiting time between recoating is 4-6 hours.  
N-29, modified: Ensure adequate ventilation during and after the application, until treated surfaces have dried.  
N-247: Can be harmful to protected species such as bats, hornets or birds. The presence of protected species in the area to be treated must be assessed prior to use of the product. Appropriate protective measures must be taken if necessary.

## 5.2. Risk mitigation measures

N-15: Do not use on wood which may come in direct contact with food, feed and livestock.  
N-315, modified: Keep children and pets (especially cats) away from treated surfaces until dried.  
N-335, modified: Due to the particular sensitivity of cats to permethrin, the product shall only be applied on wood which is applied in areas where contact of cats to treated wood can be excluded.

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

N-360: If medical advice is needed, have product container or label at hand.  
IF INHALED: If symptoms occur call a POISON CENTRE or a doctor.  
IF SWALLOWED: If symptoms occur call a POISON CENTRE or a doctor.  
IF ON SKIN: Take off all contaminated clothing and wash it before reuse. Wash skin with water. If skin irritation or rash occur: Get medical advice.  
IF IN EYES: If symptoms occur rinse with water. Remove contact lenses, if present and easy to do. Call a POISON CENTRE or a doctor.  
  
Pyrethroids (including permethrin) may cause paresthesia (burning and prickling of the skin without irritation). If symptoms persist: Get medical advice.  
Do not allow product to reach sewage system or water courses.  
In case of seepage into water or sewage system inform responsible authorities.  
Collect the liquid with absorbent material (sand, diatomaceous earth, sawdust).

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

Product residues, contaminated materials (including absorbent material) and empty containers must be collected and disposed of in accordance with the national waste disposal legislation and any regional and/or local authority requirements.  
Do not discharge the biocidal product nor diluted solution of the biocidal product into the sewage system or the environment (in particular surface water).

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

N-316: Keep out of reach of children and non-target animals/pets.  
Shelf life: 3 years  
Store in a dry, well-ventilated area.  
Store only in the original container protected from frost. Store below 30°C.  
Protect from heat and direct sunlight.  
Keep container tightly sealed.  
Close partially used packaging well.

## 6. Other information

**Obligatory label elements:**

This biocidal product contains permethrin which is dangerous to bees.

The biocidal product is solely effective against wood boring beetles and wood discolouring fungi (bluestain). It is not effective against wood rotting fungi.

**Further information:**Occupational exposure limit:

The Union OEL values of CAS 34590-94-8 and CAS 112-34-5 must be indicated in the SDS (section 8.1 and 3):

The occupational exposure limit value of 2-[(1-methoxypropan-2-yl)oxy]propan-1-ol (CAS 34590-94-8) is 50 ppm (308 mg/m<sup>3</sup>) .

The occupational exposure limit values of 2-(2-butoxyethoxy)ethanol (CAS 112-34-5) are 10 ppm (67.5 mg/m<sup>3</sup>, long-term exposure limit) and 15 ppm (101.2 mg/m<sup>3</sup>, short-term exposure limit)

Substances identified as PBT or vPvB:

The BPF contains the substances octamethylcyclotetrasiloxane (D4), decamethylcyclopentasiloxane (D5) and dodecamethylcyclotetrasiloxane (D6) in concentrations below 0.1 % w/w. According to CA-June21-Doc.4.3\_final, *"the authorisation holder should try to substitute the substance identified as PBT or vPvB and contained in a biocidal product regardless whether the concentration above or below 0.1% w/w. This effort shall be proven at the authorisation process."*