

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### · **1.1 Product identifier**

· **Trade name:** JUBIN IMPREGNACIA

· **Article number:** JUI ver. 1

### · **1.2 Relevant identified uses of the substance or mixture and uses advised against**

· Biocide coating for protection of wood.

### · **Product category**

The biocide product is intended for protection of wood - biocidal product PT8. It is not recommended for other applications. See Point 15.

### · **Application of the substance / the mixture**

Biocidal product Jubin Impregnacia is intended for protection of wood against rotting, moulds and adverse effects of insects.

### · **1.3 Details of the supplier of the safety data sheet**

#### · **Manufacturer/Supplier:**

JUB d.o.o.

Dol pri Ljubljani 28

1262 DOL PRI LJUBLJANI

SLOVENIA

T: + 386 1 5884 183

F: + 386 1 5884 250

E: info@jub.si

#### · **Further information obtainable from:**

Product safety department:

TRC JUB d.o.o.

Branko Petrovic, MSc

T: +386 1 5884 185

F: +386 1 5884 227

E: branko.petrovic@trc-jub.si

#### · **1.4 Emergency telephone number:**

During normal opening times (8 - 16h CET) Group JUB: +386 1 5884 185

United Kingdom: NPIS 0870 600 6266

## **SECTION 2: Hazards identification**

### · **2.1 Classification of the substance or mixture**

#### · **Classification according to Regulation (EC) No 1272/2008**

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

#### · **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



N; Dangerous for the environment

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

#### · **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

#### · **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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**· 2.2 Label elements****· Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

**· Code letter and hazard designation of product:**

N Dangerous for the environment

**· Hazard-determining components of labelling:**

3-iodo-2-propynyl butyl carbamate

Propiconazole

cypermethrin cis/trans +/-40/60

**· Risk phrases:**

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**· Safety phrases:**

2 Keep out of the reach of children.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

28 After contact with skin, wash immediately with plenty of soap and water.

29 Do not empty into drains.

46 If swallowed, seek medical advice immediately and show this container or label.

60 This material and its container must be disposed of as hazardous waste.

61 Avoid release to the environment. Refer to special instructions/safety data sheets.

**· Special labelling of certain preparations:**

Contains Propiconazole. May produce an allergic reaction.

Safety data sheet available for professional user on request.

**· 2.3 Other hazards****· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**· 3.2 Chemical characterization: Mixtures****· Description:** Mixture of substances listed below with nonhazardous additions.**· Dangerous components:**

CAS: 52315-07-8 EINECS: 257-842-9	cypermethrin cis/trans +/-40/60 Xn R20/22; Xi R37; N R50/53 Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Acute Tox. 4, H332; STOT SE 3, H335	0.1 - 0.25%
CAS: 55406-53-6 EINECS: 259-627-5	3-iodo-2-propynyl butyl carbamate Xn R20/22; Xi R41; N R50 Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Acute Tox. 4, H332	0.5 - 1.0%
CAS: 60207-90-1 EINECS: 262-104-4	Propiconazole Xn R22; Xi R43; N R50/53 Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Sens. 1B, H317	0.25 - 0.5%

**· Additional information:**

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For the wording of the listed risk phrases refer to section 16.

**SECTION 4: First aid measures**

- **4.1 Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.
- **Information about storage in one common storage facility:**  
Do not store together with reducing agents, heavy-metal compounds, acids and alkalis.
- **Further information about storage conditions:**  
Store under lock and key and with access restricted to technical experts or their assistants only.
- **Storage class:** Storage class: 12 – Incombustible products
- **7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.

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- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.
- **Risk management measures**  
It is recommended to use high-quality work clothing and protective equipment. Use only outfits that meet the following standards:
  - Protective gloves that meet the criteria of EN 388 (Category II).
  - Protective goggles must comply with standard EN 166
  - Protective mask respirator for small dust particles must conform to standard EN 149

## SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Whitish
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
- **pH-value at 20 °C:** 8.5
- **Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	100 °C
- **Flash point:** > 104 °C
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:**
- **Decomposition temperature:** Not determined.
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.

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· <b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density at 20 °C:</b>	1.02 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Partly miscible.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	0.0 %
<b>VOC (EC)</b>	2.16 %
	Content of HOS: < 22,0 g/L
<b>Solids content:</b>	0.0 %
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values relevant for classification:**
  - oral. > 5000 mg/kg (Rat)
  - dermal. > 5000 mg/kg (Rat)
  - inhal. > 5 mg/kg, 4h (Rat)
  - 3-iodo-2-propynyl butylcarbamate
  - LD50 dermal > 2000 mg/kg (Coney)
  - LD50 oral 1470 mg/kg (Rat)
  - Propiconazole
  - LD50 dermal > 4000 mg/kg (Rat)
  - LD50 oraln 1517 mg/kg (Rat)
  - LC50 inhalation 1264 mg/m<sup>3</sup>, 4h (Rat)
  - Cypermethrin
  - LD50 dermalno > 1600 mg/kg (Rat)
  - LD50 oralno 251 mg/kg (Rat)
  - LC50 inhalacijsko 7889 mg/m<sup>3</sup>, 4h (Rat)
- **Primary irritant effect:**
- **on the skin:** No irritant effect.

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- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**
  - 3-iodo-2-propynyl butylcarbamate
  - EC50 0,16 mg/L, 48h (*Daphnia magna*)
  - LC50 0,067 mg/L, 96h (*Oncorhynchus mykiss*)
  - Propiconazol
  - EC50 10,2 mg/L 48h (*Daphnia magna*)
  - EC50 0,76 mg/l, 72h (*Scenedesmus subspicatus*)
  - LC50 5,3 mg/L, 96h (Trout)
  - Cypermethrin
  - LC50 0,00069 mg/L, 96h (Trout)
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Very toxic for fish
- **Additional ecological information:**
- **General notes:**
  - Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
  - Do not allow product to reach ground water, water course or sewage system.
  - Danger to drinking water if even small quantities leak into the ground.
  - Also poisonous for fish and plankton in water bodies.
  - Very toxic for aquatic organisms
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
  - Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

03 02 05*	other wood preservatives containing dangerous substances
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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, IMDG, IATA** UN3082
- **14.2 UN proper shipping name**
- **ADR** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (3-iodo-2-propynyl butyl carbamate, cypermethrin cis/trans +/-40/60)
- **IMDG** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (3-iodo-2-propynyl butyl carbamate, cypermethrin cis/trans +/-40/60, Propiconazole), MARINE

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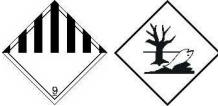
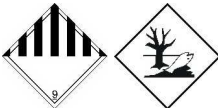
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· IATA	POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
· 14.3 Transport hazard class(es)	
· ADR	
	
· Class	9 (M6) Miscellaneous dangerous substances and articles.
· Label	9
· IMDG	
	
· Class	9 Miscellaneous dangerous substances and articles.
· Label	9
· IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG	III
· IATA	Void
· 14.5 Environmental hazards:	Product contains environmentally hazardous substances: 3-iodo-2-propynyl butyl carbamate, cypermethrin cis/trans +/-40/60
· Marine pollutant:	Yes Symbol (fish and tree)
· Special marking (ADR):	Symbol (fish and tree)
· 14.6 Special precautions for user	Warning: Miscellaneous dangerous substances and articles.
· Danger code (Kemler):	90
· EMS Number:	F-A,S-F
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Transport category	3
· Tunnel restriction code	E
· UN "Model Regulation":	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (3-iodo-2-propynyl butyl carbamate, cypermethrin cis/trans +/-40/60), 9, III

### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
Product Jubin Impregnacia is used as a protective agent for wood. Biocidal product is intended for protection of wood against rotting, moulds and adverse effects of insects. It is not recommended for other applications.

In accordance with the current biocide regulation, it is not permitted to use the product as a general

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disinfectant agent, as a biocidal product for human hygiene, as a surface disinfectant in private area and public health area, as a disinfectant for areas of food and feed, as a fibre preservative, as a preservative for leather, rubber and polymerised materials, as a masonry preservative, as a preservative for liquid cooling and processing systems, as a slimicide, as a metalworking -fluid preservative and as a preservative for food or feedstocks.

The use of the active ingredients contained in the preparation is prohibited for applications in the following types of biocidal products: PT 1 PT2, PT4, PT9, PT10, PT11, PT12, PT13 and PT20.

· **Labelling according to EU guidelines:**

Following additional provisions are considered in the preparation of the document:

Legislation on the occupational health and safety, the chemical legislation and regulations on biocidal products, regulations on classification, packaging and labeling of chemical and biocidal products and requirements on safety data sheets for chemicals and biocidal products composition, as well as regulations on the management of packaging and packaging waste and wastes.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

R20/22 Harmful by inhalation and if swallowed.

R22 Harmful if swallowed.

R37 Irritating to respiratory system.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

R50 Very toxic to aquatic organisms.

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

· **Recommended restriction of use**

Claims contained in this document are based on our actual knowledge at the time of revision of this document. They do not undertake the properties of the product described in terms of the legal provisions for the pledge.

Placing this document as available does not unbind the product customer from its responsibility to comply with all relevant laws and regulations applicable for this product. This is especially valid in the case of product resale or resale of its mixtures or manufactured products from other areas of law and industrial property rights of third parties. If the product described above is changed by crafting or mixing with other materials, it is not possible to transfer claims from this document on to a newly made product unless otherwise specified. In the case of product re-packaging the customer must attach the required relevant safety information as well.

· **Department issuing MSDS:** Product safety department

· **Contact:**

Branko Petrovic, MSc.

T: + 386 1 5884 185

E: branko.petrovic@trc-jub.si

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

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*ELINCS: European List of Notified Chemical Substances*  
*CAS: Chemical Abstracts Service (division of the American Chemical Society)*  
*VOC: Volatile Organic Compounds (USA, EU)*  
*LC50: Lethal concentration, 50 percent*  
*LD50: Lethal dose, 50 percent*

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