

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 11.12.2017

Revision: 05.05.2017

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

· **1.1 Product identifier**

· **Trade name:** JUBIN IMPREGNACIA F

· **Article number:** JUIF

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

The JUBIN IMPREGNACIA F product is intended for the protection of wood - PT8 biocide product. We do not recommend it for other applications. See point 15.

· **Life cycle stages C** Consumer use

· **Sector of Use**

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU19 Building and construction work

· **Product category**

PC8 Biocidal products

JUBIN IMPREGNACIA F is a ready-to-use water based wood preservative for amateur, professional and industrial use against wood rot and blue stain. It can be used on wood components above grounds such as windows, exterior doors, cladding, fences, eaves and carports. Not for use on wood in direct contact with soil or in marine environment.

· **Process category PROC10** Roller application or brushing

· **Environmental release category ERC10a** Widespread use of articles with low release (outdoor)

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

Wood-preservative impregnation

JUBIN IMPREGNACIA F is a liquid ready-to-use water based biocide product for wood Use Class 2 and 3 .

JUBIN IMPREGNACIA F can be applied as follows:

- industrial use: dipping, flow-coating, spraying

- professional and amateur use: brush, roller, spraying

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

· **Manufacturer/Supplier:**

JUB d.o.o.

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SLOVENIA

T: + 386 1 5884 183

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· **Further information obtainable from:**

TRC JUB

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· **1.4 Emergency telephone number:**

Emergency number: 112

United Kindom: NPIS 0870 600 6266

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 11.12.2017

Revision: 05.05.2017

Trade name: JUBIN IMPREGNACIA F

(Contd. of page 1)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

The product is classified as harmful mixture for the environment in accordance with the regulations on classification of chemicals in relation to CLP Regulation 2008/1272 / EC. It contains biocidal active ingredients.

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

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

### 2.2 Label elements

#### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

#### Hazard pictograms

Void

#### Signal word

Void

#### Hazard-determining components of labelling:

3-Iodo-2-propynylbutylcarbamate

Propiconazole

#### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Additional information:

Contains 3-Iodo-2-propynylbutylcarbamate, Propiconazole. May produce an allergic reaction.

Safety data sheet available 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 characterisation: Mixtures

The product is a chemical mixture of water as a solvent with additives.

The main ingredients of the JUBIN IMPREGNACIA F coating are alkyd binders, water-repellent substances, biocide-fungicidal active substances, additives and water

**Description:** Mixture of substances listed below with nonhazardous additions.

#### Dangerous components:

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

CAS: 55406-53-6 EINECS: 259-627-5	3-Iodo-2-propynylbutylcarbamate Acute Tox. 3, H331; STOT RE 1, H372; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Sens. 1, H317	0.75%
CAS: 60207-90-1 EINECS: 262-104-4	Propiconazole Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Sens. 1B, H317	0.24%

#### Additional information:

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

GB

(Contd. on page 3)

**Safety data sheet**  
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Printing date 11.12.2017

Revision: 05.05.2017

Trade name: JUBIN IMPREGNACIA F

(Contd. of page 2)

#### **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:** No special measures required.

#### **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:**  
Inform respective authorities in case of seepage into water course or sewage system.  
Dilute with plenty of water.  
In case of gas release or seepage into the ground inform responsible authorities.  
Do not allow to enter sewers/ surface or ground water.
- **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.

(Contd. on page 4)

GB

**Safety data sheet**  
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Printing date 11.12.2017

Revision: 05.05.2017

Trade name: JUBIN IMPREGNACIA F

(Contd. of page 3)

- **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:** Goggles recommended during refilling
- **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 BS EN 374.
  - Protective goggles must comply with standard BS EN 166.
  - Protective mask respirator for fine dust particles and vapors should be in accordance with BS EN 143 (full face masks), BS EN 149 (dust particle filters), BS 14387 (filters for gases and combined filters)

## SECTION 9: Physical and chemical properties

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

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

<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	100 °C
- **Flash point:** Not applicable.
- **Flammability (solid, gas):** Not applicable.
- **Decomposition temperature:** Not determined.
- **Auto-ignition temperature:** Product is not selfigniting.
- **Explosive properties:** Product does not present an explosion hazard.

(Contd. on page 5)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 11.12.2017

Revision: 05.05.2017

Trade name: JUBIN IMPREGNACIA F

(Contd. of page 4)

· <b>Explosion limits:</b>	
Lower:	Not determined.
Upper:	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density at 20 °C:</b>	1.01 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>	Fully miscible.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
Dynamic:	Not determined.
Kinematic:	Not determined.
· <b>Solvent content:</b>	
VOC (EC)	2.45 % VOC content: max. 25 g/l Coating category A/d of Directive 2004/42/EC. EU VOC kat. A/d: 130 g/l (2010)
Solids content:	12.0 %
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **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** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:**

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 oral. > 2000 mg/kg (rat)  
 dermal. > 2000 mg/kg(rat)  
 inhal. > 2 mg/kg, 4h (rat)  
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(Contd. on page 6)

GB

**Safety data sheet**  
according to 1907/2006/EC, Article 31

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Revision: 05.05.2017

**Trade name: JUBIN IMPREGNACIA F**

(Contd. of page 5)

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3-iodo-2-propynyl butylcarbamate (CAS: 55406-53-6)

LD50 dermal > 2000 mg / kg (rabbit)

LD50 oral 1470 mg / kg (rat)

LC50 inhalation 764 mg / m<sup>3</sup>, 4h (rat)

-----

Propiconazole (CAS: 60207-90-1)

LD50 dermal > 4000 mg / kg (rat)

LD50 oral 1517 mg / kg (rat)

LC50 inhalation 1264 mg / m<sup>3</sup>, 4h (rat)

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- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**

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3-iodo-2-propynyl butylcarbamate (CAS: 55406-53-6)

EC50 0.16 mg / l, 48h (Daphnia magna)

EC50 0.022 mg / l, algae (Scenedesmus subspicatus)

LC50 0.067 mg / l, 96h (Oncorhynchus mykiss)

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Propiconazole (CAS: 60207-90-1)

EC50 10.2 mg / L 48h (Daphnia magna)

EC50 0.76 mg / l, 72h (Scenedesmus subspicatus)

LC50 5.3 mg / L, 96h fish (rainbow trout)

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- **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:** Harmful to 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.  
Harmful to 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.

GB

(Contd. on page 7)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 11.12.2017

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Trade name: JUBIN IMPREGNACIA F

(Contd. of page 6)

### 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 hazardous substances
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
15 01 02	plastic packaging

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

· **14.1 UN-Number**

The product is not a substance or mixture classified in accordance with the provisions of ADR as dangerous for transport.

· **ADR, ADN, IMDG, IATA**

Void

· **14.2 UN proper shipping name**

· **ADR, ADN, IMDG, IATA**

Void

· **14.3 Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**

· **Class**

Void

· **14.4 Packing group**

· **ADR, IMDG, IATA**

Void

· **14.5 Environmental hazards:**

Not applicable.

· **14.6 Special precautions for user**

Not applicable.

· **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

· **Transport/Additional information:**

· **ADR**

· **Limited quantities (LQ)**

-

· **UN "Model Regulation":**

Void

### SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Following regulation was considered in the preparation of 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 waste.

In accordance with the current regulation the product is classified as a dangerous substance or mixture for the environment.

Potentially can cause an allergic reaction.

General safety measures should be considered when working or handling with the product.

(Contd. on page 8)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

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**Trade name: JUBIN IMPREGNACIA F**

(Contd. of page 7)

- **Labelling according to Regulation (EC) No 1272/2008 -**
- **Chemical safety assessment -**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I None of the ingredients is listed.**
- **Seveso category -**
- **REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3**
- **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.*

*H331 Toxic if inhaled.*

*H372 Causes damage to organs through prolonged or repeated exposure.*

*H400 Very toxic to aquatic life.*

*H410 Very toxic to aquatic life with long lasting effects.*

- **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 onto 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 SDS:**

*JUB d.o.o.*

*Product safety department*

- **Contact:**

*mag. Branko Petrovič*

*TRC-JUB*

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- **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 Harmonised System of Classification and Labelling of Chemicals*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*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*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Acute Tox. 4: Acute toxicity – Category 4*

*Acute Tox. 3: Acute toxicity – Category 3*

*Eye Dam. 1: Serious eye damage/eye irritation – Category 1*

*Skin Sens. 1: Skin sensitisation – Category 1*

*Skin Sens. 1B: Skin sensitisation – Category 1B*

*STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1*

*Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1*

*Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1*

*Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*

(Contd. on page 9)



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 11.12.2017

Revision: 05.05.2017

**Trade name: JUBIN IMPREGNACIA F**

(Contd. of page 8)

· **\* Data compared to the previous version altered.**

Version 1.0, 18.03.2016.

Version 2.0, 5.05.2017; Amending Chapter: 1.,2.,3.,11.,15.,16.

GB