

Summary of product characteristics for a biocidal product

Product name: MIRECIDE-TC/94

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

Authorisation number: ES/AA-2012-08-00043

R4BP 3 asset reference number: ES-0001560-0000

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Administrative information

1.1. Trade names of the product

MIRECIDE-TC/94

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Laboratorios Miret, S.A.
	Address	Geminis 4 08228 Terrassa Spain
Authorisation number	ES/AA-2012-08-00043	
R4BP 3 asset reference number	ES-0001560-0000	
Date of the authorisation	19/10/2012	
Expiry date of the authorisation	30/10/2025	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Laboratorios Miret, S.A.
Address of the manufacturer	Geminis 4 08228 Terrassa (Barcelona) Spain
Location of manufacturing sites	- - - Spain

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

Active substance	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
Name of the manufacturer	ISP Switzerland GmbH
Address of the manufacturer	LIndestrasse 10 CH-6340 Baar Switzerland
Location of manufacturing sites	- - - Switzerland

Active substance	48 - 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
Name of the manufacturer	Syngenta Crop Protection
Address of the manufacturer	Schwarzwaldallee 215 CH - 4002 Basle Switzerland
Location of manufacturing sites	- - - Switzerland

Active substance	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
Name of the manufacturer	LANXESS Deutschland GmbH
Address of the manufacturer	Building Q18 -51369 Leverkusen - Alemania 51369 Leverkusen Germany
Location of manufacturing sites	- - - Germany

Active substance	48 - 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
Name of the manufacturer	LANXESS Deutschland GmbH
Address of the manufacturer	Building Q18 - 51369 Leverkusen - Alemania 51369 Leverkusen Germany
Location of manufacturing sites	- - - Germany

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	10,3
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	6,4

2.2. Type of formulation

Liquid

3. Hazard and precautionary statements

Hazard statements

Causes skin irritation.
 May cause an allergic skin reaction.
 Causes serious eye damage.
 May damage the unborn child.
 Causes damage to organs through prolonged or repeated exposure (larynx).
 Very toxic to aquatic life with long lasting effects.

Precautionary statements

Keep out of reach of children.
 Do not get in eyes, on skin, or on clothing.
 Wear face protection.
 Store in a well-ventilated place. Keep container tightly closed.
 Dispose of container to hazardous waste facilities in accordance with national regulations..

4. Authorised use(s)

4.1 Use description

Use 1 - Wood preservative – fungi for green wood sawmill - Automated dipping - Trained professional users

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: <i>Aureobasidium pullulans</i> spp. Common name: Blue stain fungi Development stage: - Scientific name: <i>Sclerophoma pityophila</i> Common name: Blue stain fungi Development stage: - Scientific name: <i>Aspergillus niger</i> Common name: wood rotting fungi and mould Development stage: - Scientific name: <i>Penicillium citrinum</i> Common name: wood rotting fungi and mould Development stage: - Scientific name: <i>Alternaria alternata</i> Common name: wood rotting fungi and moulds Development stage: -
Field(s) of use	Other Industrial use
Application method(s)	Method: Automated dipping Detailed description: -
Application rate(s) and frequencies	Application Rate: Application rate of 2-3%. Two dipping cycles of 60 minutes per cycle can be performed per day Dilution (%): - Number and timing of application: Application rate of 2-3%. Two dipping cycles of 60 minutes per cycle can be performed per day
Category(ies) of users	Trained professional
Pack sizes and packaging material	Drums of 25, 60 and 230 L containing 25, 55 and 200 kg respectively and a container of 1000 L containing 950 kg. All of them are high density polyethylene (HDPE) container.

4.1.1 Use-specific instructions for use

See point 5.1

4.1.2 Use-specific risk mitigation measures

See point 5.2

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 point 5.3

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

See point 5.4

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

See point 5.5

5. General directions for use

5.1. Instructions for use

Read attached instructions before use.

The labelling of the product shall be including the sentence: Use biocides safely. Always read the label and product information before use

Aerate adequately the place where the product is applied

5.2. Risk mitigation measures

Only two dipping cycles of 60 minutes per cycle can be performed per day, with an application rate of 2-3%.

The biocidal product cannot be used in wood where food or feed can be stored.

Only for industrial application of the product by immersion, in wood or wood-based products for internal uses (Use Classes 1 and 2 as defined in CEN standard EN 335-1:2006), and in wood or wood-based products which are not under cover and not in contact with the ground, but they are protected from the weather (Use Class 3.1 as defined in CEN standard EN 335-1:2006).

It will be allowed the industrial application of the product by immersion, in wood or wood-based products which are not under cover, not in contact with the ground and unprotected from the weather (use class 3.2 to the UNE-EN 335), provided that the leachate is collected and enters a sewage treatment plant.

During industrial application, direct emissions to the sewage water are not allowed and any losses (including from the cleaning of the equipment) should be collected and reused or treated as hazardous waste.

Freshly treated timber must be stored after treatment under shelter or on impermeable hardstanding to prevent direct losses to soil or water and any losses must be collected for reuse or disposal.

In situations where treated timber would be exposed to weathering, the product must always be overcoated after drying by application of appropriate triazole-free topcoat product.

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

Poisoning may cause:

- Irritation of the eyes, skin, mucous membranes, respiratory and gastrointestinal tract. Allergic skin reaction and sensitization

Basic first aid procedures:

- Move the person away from the contaminated Area.
- Remove contaminated or spattered clothing.
- If contact in eyes, rinse with plenty of water for 15 minutes. Do not forget to remove the contact lenses.
- If contact on skin, wash with soap and plenty of water, without rubbing.
- If swallowed, do not induce vomiting, unless told to do so by poison control or a health care professional.
- Keep the patient at rest and maintain the body temperature.
- Check the breath. If necessary, give artificial respiration.
- If the person is unconscious, turn the patient sideways, with the head at lower than the rest of the body and the knees bended.
- If necessary take the person to a hospital and show the label or packaging whenever possible.

DO NOT LEAVE THE POISONED PERSON ALONE UNDER ANY CIRCUMSTANCE

Medical advice for doctors and sanitary staff

- Symptomatic and supportive treatment

IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT CONTAINER OR LABEL AT HAND AND CONTACT THE POISON CONTROL CENTER

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

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

The biocidal product is stable for 24 months.

6. Other information

Trained professional users (TP): pest control operators and industrial users, having received specific training in this item according to the national legislation in force Royal Decree 830/2010