

Summary of product characteristics for a biocidal product

Product name: FR 6124 FROSCHTAL TO

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

Authorisation number: ES/APP(NA)-2021-08-00741

R4BP 3 asset reference number: ES-0024220-0000

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Administrative information

1.1. Trade names of the product

FR 6124 FROSCHTAL TO
Mirecide-TC/386

1.2. Authorisation holder

Name and address of the authorisation holder	Name	FROSCHEMIE SL
	Address	PINTOR VILACINCA 18A 08213 POLINYA Spain
Authorisation number	ES/APP(NA)-2021-08-00741	
R4BP 3 asset reference number	ES-0024220-0000	
Date of the authorisation	11/03/2021	
Expiry date of the authorisation	31/01/2025	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	FROSCHEMIE, S.L.
Address of the manufacturer	C/ Pintor Vila Cinca, 18 A - Pol. Ind. Can Humet de Dalt 08213 Polinyà (Barcelona) Spain
Location of manufacturing sites	C/ Pintor Vila Cinca, 18 A - Pol. Ind. Can Humet de Dalt 08213 Polinyà (Barcelona) Spain

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

Active substance	63 - Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-16))
Name of the manufacturer	Lonza Cologne GmbH
Address of the manufacturer	Nattermannallee 1 50829 Cologne Germany
Location of manufacturing sites	Lonza Inc. , 8316 West Route 24 IL 61547 Mapleton, United States

Active substance	63 - Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-16))
Name of the manufacturer	Thor Especialidades, S.A.
Address of the manufacturer	Pol.Ind.El Pla - Avda. de la Indústria Nº1 08297 Castellgalí Spain
Location of manufacturing sites	Pol.Ind.El Pla - Avda. de la Indústria Nº1 08297 Castellgalí Spain

Active substance	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
Name of the manufacturer	TROY CHEMICAL COMPANY BV
Address of the manufacturer	Uiverlaan 12E 3145 XN Maassluis Netherlands
Location of manufacturing sites	One Avenue L 07105 Newark (New Jersey) United States
	Troy Rheinland GmbH, Industriepark 23 56593 Horhausen Germany

Active substance	9 - Boric acid
Name of the manufacturer	Etimine S.A.
Address of the manufacturer	204, Z.I. Scheleck II L 3225 Bettembourg Luxembourg
Location of manufacturing sites	EMET 43700 Kütahya Turkey

Active substance	9 - Boric acid
Name of the manufacturer	Rio Tinto Iron & Titanium GmbH (acting for Borax Europe Limited (UK))
Address of the manufacturer	Alfred-Herrhausen-Allee 3-5, 65760 Eschborn Germany
Location of manufacturing sites	US Borax Inc, 14486 Borax Road Boron, CA 93516-2000 93516-2000 Boron United States

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 (%)
Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-16))		Active Substance	68424-85-1	270-325-2	25
Boric acid	boric acid	Active Substance	10043-35-3	233-139-2	4
3-iodo-2-propynylbutylcarbamate (IPBC)		Active Substance	55406-53-6	259-627-5	2,5

2.2. Type of formulation

SL - Soluble concentrate

3. Hazard and precautionary statements

Hazard statements	<p>Harmful if swallowed.</p> <p>Causes severe skin burns and eye damage.</p> <p>May cause an allergic skin reaction.</p> <p>May cause damage to organs larynx through prolonged or repeated exposure ...</p> <p>Very toxic to aquatic life with long lasting effects.</p>
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Precautionary statements

Do not breathe dust.
Do not breathe fume.
Do not breathe gas.
Do not breathe mist.
Do not breathe vapours.
Do not breathe spray.
Wash .. thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection..
Collect spillage.
Dispose of contents to in accordance with local/regional/national/international regulation.

4. Authorised use(s)

4.1 Use description

Use 1 - Intended use # 1 – Temporary preventive treatment of wood applied by manual or fully automated dipping by industrial (Trained-Professional) users

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

FR 6124 FROSCHTAL TO is used for the temporary protection of freshly felled green lumber against colonization by "sapstain" and surface mould.
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Target organism(s) (including development stage)

Scientific name: fungi Common name: Sapstain fungi Development stage:
Scientific name: fungi Common name: Mould fungi Development stage:

Field(s) of use

Indoor

Application method(s)

Method: Open system: dip treatment Detailed description: Open system: Dipping/immersion treatment. Apply by immersion for 5 minutes to ensure the contact of the product over the entire surface of the wood to be treated. 24 hours will be the minimum time taken for the product to set.

Application rate(s) and frequencies

Application Rate: 25 L dilution / m³ wood.
Dilution (%): Dilute the biocidal product between 2% -4 % (w/w) in water.
Number and timing of application:
Dilute the biocidal product between 2% -4 % (w/w) in water.
Application rate: 25 l/m³.
-Solution retention: 2.68 (at 2%)-4.5 (at 3-4%) g/m²Use as a single application for preventive purposes.

Category(ies) of users

Industrial
Trained professional

Pack sizes and packaging material

Drums 30/60/200 kg
IBC 600/1000 kg
Plastic: HDPE

4.1.1 Use-specific instructions for use

See Directions for use

4.1.2 Use-specific risk mitigation measures

See Directions for use

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 Directions for use

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

See Directions for use

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

See Directions for use

5. General directions for use

5.1. Instructions for use

- For application by manual or fully automated dipping.
- Dilute the product between 2-4% if the green timber is to be stored with battens and between 3-4% if it is to be stored without battens. To avoid risks to people and the environment, comply with the instructions for use.
- Read label carefully before using product.
- It must not be mixed with any other chemical.
- Keep the area where the product is to be applied well ventilated.
- The fixation time is at least 24 hours depending on storage and atmospheric conditions.
- Cleaning of the working component immediately after use with water.
- Suitable chemical resistant gloves (EN 374) also with prolonged, direct contact" and the following glove material: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374. E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm).
- A protective impermeable coverall (at least type 6, EN 13034) shall be worn.
- Always read the label.

5.2. Risk mitigation measures

- Industrial application shall be conducted within a contained area on impermeable hard standing with bunding.
- Freshly treated timber shall be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water.
- Any losses from the application of the product or the storage of treated wood shall be collected for reuse or disposal according to local regulations.
- Automated dipping application phase have to be performed with a fully automated system.
- Gloves and impermeable coverall have to be worn during the handling of product and wet treated wood.
- The product may cause harm to bats. Do not use the product in areas where bats reside.

During mixing and loading, exposure (corrosive product) has to be limited by use of PPE and application of technical and organisational RMM such as:

- Minimisation of manual phases;
- Regular cleaning of equipment and work area;
- Avoidance of contact with contaminated tools and objects;
- Training and management of staff on good practice.

PPE for the mixing and loading phase are as following:

- Task appropriate gloves;
- Coated coverall with appropriate barrier material based on potential for contact with the chemicals;
- Eye protection.

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

Likely direct or indirect adverse effects:

- Irritation or caustic burn of eyes, skin, mucous membranes, respiratory and gastrointestinal tract.
- Metabolic acidosis, CNS depression, liver damage and pulmonary edema.

First aid measures:

- Relocate the individual from the exposure source and remove any contaminated/spattered clothing articles.
- Eye exposure; ALWAYS check for and remove contact lenses, wash eyes with plenty of water with eye lids open for at least 15 minutes.
- Skin contact; wash affected area with plenty of water and soap, NO scrubbing.
- Inhalation/aspiration; Keep the individual calm and at rest, conserve body temperature and control breathing. If necessary check for pulse and initiate artificial respiration.
- Mouth contact/ingestion; do NOT induce vomiting unless indicated by medical or healthcare personnel.
- NEVER administer liquids/solids orally to an impaired or unconscious individual; place individual in left sideways position with the head lowered and the knees bent.
- If symptoms appear, persist or worsen seek medical attention IMMEDIATELY and bring the packaging or label whenever possible.

Advice for medical and healthcare personnel:

- In case of ingestion, evaluate realizing and endoscopic procedure.
- Contraindication of Ipecac Syrup.
- Provide symptomatic and supportive treatment.

EMERGENCY MEASURES TO PROTECT ENVIRONMENT IN CASE OF ACCIDENT:

- Do not empty into drains or the aquatic environment.
- Do not allow to enter into soil/subsoil.
- In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

IF MEDICAL ADVICE IS NEEDED, KEEP THE LABEL OR CONTAINER HANDY AND CONSULT THE MEDICAL SERVICE FOR TOXICOLOGICAL INFORMATION

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

- Empty containers, unused product, washing water, containers and other waste generated during the treatment are considered hazardous waste. Deliver those wastes to a registered establishment or undertaking, in accordance with current regulations.
- Code the waste according to Decision 2014/955 / EU.
- Do not release to soil, ground, surface water or any kind of sewer.

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

Keep only in original container. Keep container tightly closed and dry. Keep in a cool place.
Do not store at temperatures above 30 °C.
Shelf life: 6 months as from the manufacturing date

6. Other information

Definitions:

Trained professional: pest control operators, having received specific training in management of biocidal products according to the national legislation in force.