

Summary of product characteristics for a biocidal product

Product name: FKR-ACQ EXTRA

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

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Authorisation number: ES/APP(NA)-2021-08-00733

R4BP 3 asset reference number: ES-0015263-0000

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Administrative information

1.1. Trade names of the product

FKR-ACQ EXTRA
FKR – PLUS 3
FKR - ANTISAPSTAIN

1.2. Authorisation holder

Name and address of the authorisation holder	Name	FKR QUÍMICA S.L
	Address	CTRA. MORELLA KM 0,7 - NAVE 2 12500 VINAROS Spain
Authorisation number	ES/APP(NA)-2021-08-00733	
R4BP 3 asset reference number	ES-0015263-0000	
Date of the authorisation	16/02/2021	
Expiry date of the authorisation	31/01/2025	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	FKR QUÍMICA S.L
Address of the manufacturer	CTRA. MORELLA KM 1,7 - NAVE 2 12500 Vinaros Spain
Location of manufacturing sites	CTRA. MORELLA KM 1,7 - NAVE 2 12500 Vinaros Spain

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

Active substance	16 - Copper hydroxide
Name of the manufacturer	Spiess-Urania Chemicals GmbH
Address of the manufacturer	Frankenstrasse 18b 20097 Hamburg Germany
Location of manufacturing sites	AURUBIS AG c/o Spiess Urania Chemicals GmbH Hovestrasse 50 20539 Hamburg Germany
Active substance	67 - Didecyldimethylammonium chloride(DDAC)
Name of the manufacturer	Thor Especialidades, S.A.
Address of the manufacturer	Pol. Ind. El Pla Avenida de la Industria 1 08297 Castellgalí Spain
Location of manufacturing sites	Pol. Ind. El Pla, Av. de la Industria 1 08297 Castellgalí Spain

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 (%)
Copper hydroxide	Copper (II) hydroxide	Active Substance	20427-59-2	243-815-9	12,86
Didecyldimethylammonium chloride(DDAC)		Active Substance	7173-51-5	230-525-2	4,12
2-aminoethanol	2-aminoethanol	Non-active substance	141-43-5	205-483-3	38
propan-2-ol	propan-2-ol	Non-active substance	67-63-0	200-661-7	1,65

2.2. Type of formulation

SL - Soluble concentrate

3. Hazard and precautionary statements

Hazard statements

Harmful if swallowed.Harmful if inhaled.
Causes severe skin burns and eye damage.
May cause respiratory irritation.
Very toxic to aquatic life with long lasting effects.

Precautionary statements

Do not breathe spray.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/....
IF SWALLOWED:Rinse mouth.Do NOT induce vomiting.
Immediately call a POISON CENTER/doctor/....
IF ON SKIN (or hair):Take off immediately all contaminated clothing.Rinse skin with water.
Immediately call a POISON CENTER/doctor/....
IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor/....
Call a POISON CENTER or doctor if you feel unwell.
Collect spillage.
Store in a well-ventilated place.Keep container tightly closed.
Dispose of contents to contents/container as hazardous waste to a registered establishment or undertaking, in accordance with current regulations.

4. Authorised use(s)

4.1 Use description

Use 1 - Use # 1 –Preventive treatment against termites- Pressure process.

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

FKR-ACQ EXTRA is a wood preservative product with insecticidal properties against termites, for treatment of wood class 1

Target organism(s) (including development stage)

Scientific name: Reticulitermes sp.
Common name: Subterranean termites
Development stage: workers/soldiers/nymphs

Field(s) of use	Indoor Outdoor Solid softwood in service Use class 1: situation in which the wood or wood based product is inside a construction, not exposed to the weather and wetting.
Application method(s)	Method: Closed system: vacuum impregnation Detailed description: Penetrating process: Vacuum pressure impregnation.
Application rate(s) and frequencies	Application Rate: Application rate: 3% (V/V) Dilution (%): (Retention 22.18 Kg/m ³) Number and timing of application: Product needs dilution in water before application. Application rate: 3% (V/V) dilution (Retention 22.18 Kg/m ³)
Category(ies) of users	Industrial Trained professional
Pack sizes and packaging material	Plastic (HDPE) container with 60 L (IBC) or 1000 L (Drum) 1L and 5L

4.1.1 Use-specific instructions for use

FKR-ACQ EXTRA is a wood preservative treatment against termites in industrial sites for solid softwood in service. The product must not be mixed/applied with other products simultaneously.

The application steps are:

- 1- The autoclave is loading with the wood.
- 2- Vacuum is applied (200 hPa) for 30-40 minutes
- 3- The autoclave is filled with the product previously diluted in vacuum conditions
- 4- The pressure is increased till 9000-12000 hPa. The pressured conditions are maintained during 40 to 80 minutes depending on the type if wood.
- 5- The product is pumped out and vacuum is applied again (300 hPa) during 10-20 minutes

Drying and fixing period:
The treated wood has to be stored at room temperature in a well ventilated and covered and paved place in order to fix the biocidal product an achieve the complete drying.

The biocidal product shall not be used for treatment of wood which is intended for contact with food, feed or livestock.

4.1.2 Use-specific risk mitigation measures

The biocidal product may only be applied to wood, which will be protected from weather and not to be used above or close to surface waters or in direct contact with soil.

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 this point in Directions for use

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

See this point in 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 this point in Directions for use

4.2 Use description

Use 2 - Use # 2 – Temporary preventive treatment of green timber.

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	Temporary preventive wood preservative for green timber. Protection of freshly felled lumber against colonization by blue stain and saptains.
Target organism(s) (including development stage)	Scientific name: Blue stain fungi Common name: Blue stain fungi Development stage: Mould fungi
Field(s) of use	Indoor Outdoor Green timber.
Application method(s)	Method: Open system: dip treatment Detailed description: Superficial application: dipping treatment. Immersion for 20 seconds.
Application rate(s) and frequencies	Application Rate: Immersion for 20 seconds in water Dilution (%): 0.2% (v/v) Number and timing of application: Product needs dilution in water before application. Application rate: Immersion for 20 seconds in water dilution at 0.2% (v/v) (retention 0.26g/m ²).

Category(ies) of users	Industrial Trained professional
Pack sizes and packaging material	Plastic (HDPE) container with 60 L (IBC) or 1000 L (Drum) 1L and 5L

4.2.1 Use-specific instructions for use

Temporary preventive wood preservative for green timber. The product gives protection against colonization by blue stain and sapstains.
The product must not be mixed/applied with other products simultaneously.
Do not apply the product to timber that, once installed, may affect the soil or groundwater, e.g. a cladged house, fence, noise barrier, etc.

Drying and fixing period:
Green wood should be done in piles with battens
The treated wood has to be stored at room temperature in a well ventilated and covered and paved place in order to fix the biocidal product an achieve the complete drying

4.2.2 Use-specific risk mitigation measures

The biocidal product may only be applied to wood, which will be protected from weather and not to be used above or close to surface waters or in direct contact with soil.

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

See this point in Directions for use

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

See this point in Directions for use

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

See this point in Directions for use

5. General directions for use

5.1. Instructions for use

Read and follow the product information as well as any information accompanying the product or provided at the point of sale before using it.

5.2. Risk mitigation measures

Exposure control/PPE accordingly with the mixture classification and the precautionary statements:

Respiratory protection:

Wear protective face mask with cartridge filter type ABEK (EN 141) during product handling phase in case of formation of organic vapors.

Hand protection:

Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorization holder within the product information).

Direct contact with the product should always be avoided. Select the appropriate means to prevent splashes or accidental projections

Eye protection:

Wear safety goggles adjustable to eye contour during product handling phase (EN 166).

Trained professionals must wear gloves (90% efficacy), impermeable coverall (95 % efficacy) and protection glasses in industrial use

General measures for protection and hygiene:

Do not drink, eat or smoke during handling. Workplaces should be provided with efficient ventilation, safety showers and eyewash stations.

Environmental exposure control:

Do not let into surface water or the sewage system.

Keep unauthorized people, children and pets away from treated surfaces until dry.

Do not apply the product on wood which may come into contact with food, feedstuff or livestock.

Prevent any release of the biocidal product to the sewage system or the environment during the product application phase as well as during the storage and the transport of treated timber;

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).

Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer;

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 shall be collected for reuse or disposal.

Any contaminated water/soil shall be collected, contained and treated as hazardous waste.

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

Response precautionary statements related to first aid instructions in point 3 of this PAR shall apply in this section. In addition:
IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.

Rinse mouth.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

Phone 91 562 04 20

To incorporate this phone into the label you must make the corresponding notification to the INTCF according to the procedure established in Order JUS/909/2017

Emergency measures to protect environment in case of accident Protection for the Environment accordingly with the mixture classification and precautionary statements:

Avoid spillages to drains, sewage and water streams. Collect the spillage and reuse the product. The working and storage place must be paved and provided with spillage collection pits. If collection is not possible, contain the spillage with appropriate absorption material (vermiculite, sand ...). Keep the contaminated absorbent in closed drums appropriate for disposal according to local regulation

Air:

The biocidal product is not significantly volatile therefore this is not a concern

Water including drinking water:

During routine operations the product should be kept away from sewers, waterways, ground and drinking water paying special attention to keep spills and clean-up residuals out of municipal sewers, ditches, streams, rivers, lakes or any open body of water.

Where possible, contain any spilt material. For small spillage in a contained waterway. Collect mechanically if possible. Treat with a neutralising solution to deactivate.

Soil:

Place in a suitable container for disposal according local regulation.

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 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

Shelf-life: 2 years.

Protect from frost.

Storage in fresh and well ventilated place.

Keep the product in the original packaging, well closed.

Due to its alkalinity, keep away from acids or acid formers.

Accordingly to the Spanish Storage Regulation for Chemicals (MIE-APQ), keep away from strong oxidisers and peroxides.

It is recommended to avoid temperatures above 40°C

6. Other information

Definitions:

Trained professional users (TP): pest control operators, having received specific training in biocidal products uses according to the national legislation in force.