

EN

ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT

VKR SC200

Product type(s)

PT08: Wood preservatives

Authorisation number: 776-1

R4BP asset number: DK-0008090-0000

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1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the product

Trade name(s)	SC200
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1.2. Authorisation holder

Name and address of the authorisation holder	Name	Superwood
	Address	Palsgaardvej 3 7362 Hampen Denmark
Authorisation number		776-1
<i>R4BP asset number</i>		DK-0008090-0000
Date of the authorisation		28/06/2010
Expiry date of the authorisation		30/04/2026

1.3. Manufacturer(s) of the product

Name of manufacturer	Superwood A/S
Address of manufacturer	Palsgaardvej 3 7362 Hampen Denmark
Location of manufacturing sites	Palsgaardvej 3 7362 Hampen Denmark

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

Active substance	1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
Name of manufacturer	Name of manufacturer Lanxess Deutschland GmbH
Address of manufacturer	Kennedyplatz 1 50569 Cologne Germany
Location of manufacturing sites	Chempark. Leverkusen 51369 Leverkusen Germany

Active substance	3-iodo-2-propynylbutylcarbamate (IPBC)
Name of manufacturer	Lanxess Deutschland GmbH
Address of manufacturer	Kennedyplatz 1 50569 Cologne Germany
Location of manufacturing sites	Chempark 51369 Leverkusen Germany

Active substance	tebuconazole
Name of manufacturer	Lanxess Deutschland GmbH
Address of manufacturer	Kennedyplatz 1 50569 Cologne Germany
Location of manufacturing sites	Chempark 51369 Leverkusen Germany

2. PRODUCT COMPOSITION AND FORMULATION

2.1. Qualitative and quantitative information on the composition of the product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)		active substance	60207-90-1	262-104-4	8
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	4
tebuconazole	1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol	active substance	107534-96-3	403-640-2	8

2.2. Type(s) of formulation

AL Any other liquid

3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	<p>H317: May cause an allergic skin reaction.</p> <p>H318: Causes serious eye damage.</p> <p>H361: Suspected of damaging fertility or the unborn child {0:state specific effect if known:} {1:state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard:}.</p> <p>H373: May cause damage to organs {0:or state all organs affected, if known:} through prolonged or repeated exposure {1:state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard:}.</p> <p>H411: Toxic to aquatic life with long lasting effects.</p>
Precautionary statements	<p>P201: Obtain special instructions before use.</p> <p>P280: Wear protective gloves.</p> <p>P310: Immediately call a POISON CENTER.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>

4. AUTHORISED USE(S)

4.1. Use description

Table 1. High pressure treatment using CO2

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Detailed description of impregnation steps (all operations fully automated) 1. Wood is loaded to the impregnation vessel 2. SC200 is feed to a static mixer connected to the impregnation vessel in a closed loop system. 3. System is closed. 4. System is slightly heated (> 35 degrees C) and pressurized with CO2 which is continuously circulated through the static mixer and the impregnation vessel. 5. At pressure > ~73 bars CO2 enters supercritical phase. Supercritical CO2 is a 'heavy gas' with a liquid like density which means that the functions as a solvent. At the same time it has no surface tension and a gas like i.e. low viscosity which means it penetrates wood very efficiently. 6. The system is pressurized further (>100 bars) and the CO2 with dissolved SC200 penetrates the wood completely. 7. Pressure is maintained at a plateau for a specified amount of time to ensure. 8. System is de-pressurized. Excess SC200 is collected and reused. CO2 is reused. 9. The wood is removed from the impregnation vessel. 10. Since impregnation is done with a gas (CO2) the wood is dry before, during, and after treatment.
Target organism(s) (including development stage)	Scientific name: Basidiomycetes: Basidiomycetes: Common name: brown rot fungi Development stage: hyphae Scientific name: Fungi: Fungi: Common name: blue stain fungi Development stage: hyphae
Field(s) of use	outdoor use UC2 and 3
Application method(s)	Method: closed system: pressure process Detailed description: High pressure impregnation using CO2 as carrier
Application rate(s) and frequency	Application Rate: 120-160 g/m3 Number and timing of application: one application
Category(ies) of users	industrial ; trained professional
Pack sizes and packaging material	Not relevant, only used on production site

4.1.1. Use-specific instructions for use

4.1.2. Use-specific risk mitigation measures

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

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

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

5. GENERAL DIRECTIONS FOR USE¹

5.1. Instructions for use

Detailed description of impregnation steps (all operations fully automated)

1. Wood is loaded to the impregnation vessel
2. SC200 is feed to a static mixer connected to the impregnation vessel in a closed loop system.
3. System is closed.
4. System is slightly heated (> 35 degrees C) and pressurized with CO₂ which is continuously circulated through the static mixer and the impregnation vessel.
5. At pressure > ~73 bars CO₂ enters supercritical phase. Supercritical CO₂ is a 'heavy gas' with a liquid like density which means that the functions as a solvent. At the same time it has no surface tension and a gas like i.e. low viscosity which means it penetrates wood very efficiently.
6. The system is pressurized further (>100 bars) and the CO₂ with dissolved SC200 penetrates the wood completely.
7. Pressure is maintained at a plateau for a specified amount of time to ensure.
8. System is de-pressurized. Excess SC200 is collected and reused. CO₂ is reused.
9. The wood is removed from the impregnation vessel.
10. Since impregnation is done with a gas (CO₂) the wood is dry before, during, and after treatment.

5.2. Risk mitigation measures

None

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

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service (dial 111, 24 h service).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Bring the person into fresh air and stay with him/her.

Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

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

Waste treatment methods

Product is covered by the regulations on hazardous waste.

Waste: EWC code: 03 02 02* organochlorinated wood preservatives

Contaminated packaging must be disposed of similarly to the product.

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

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

¹Instructions for use, risk mitigation measures and other directions for use under this section are valid for any authorised uses.

Keep out of reach of children.
Keep away from food, beverages and feed
protect from frost

6. OTHER INFORMATION