

Summary of product characteristics for a biocidal product

Product name: VKR SC200

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

Authorisation number: BPD-reg. nr. 674-1

R4BP 3 asset reference number: DK-0008090-0000

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Administrative information

1.1. Trade names of the product

SC200

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Superwood
	Address	Palsgaardvej 3 7362 Hampen Denmark
Authorisation number	BPD-reg. nr. 674-1	
R4BP 3 asset reference number	DK-0008090-0000	
Date of the authorisation	28/06/2010	
Expiry date of the authorisation	30/04/2024	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Superwood A/S
Address of the 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	48 - 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
Name of the manufacturer	Name of manufacturer Lanxess Deutschland GmbH
Address of the manufacturer	Kennedyplatz 1 50569 Cologne Germany
Location of manufacturing sites	Chempark. Leverkusen 51369 leverkusen Germany

Active substance	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
Name of the manufacturer	Lanxess Deutschland GmbH
Address of the manufacturer	Kennedyplatz 1 50569 Cologne Germany
Location of manufacturing sites	Chempark 51369 Leverkusen Germany

Active substance	51 - tebuconazole
Name of the manufacturer	Lanxess Deutschland GmbH
Address of the 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 biocidal 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		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 of formulation

AL - Any other liquid

3. Hazard and precautionary statements

Hazard statements

May cause an allergic skin reaction.
Causes serious eye damage.
Suspected of damaging fertility or the unborn child .
May cause damage to organs through prolonged or repeated exposure .
Toxic to aquatic life with long lasting effects.

Precautionary statements

Obtain special instructions before use.
Wear protective gloves.
Immediately call a POISON CENTER.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4. Authorised use(s)

4.1 Use description

Use 1 - High pressure treatment using CO2

Product type

PT08 - Wood preservatives (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.

Target organism(s) (including development stage)	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.
	Basidiomycetes:-Brown rot fungi-Hyphae Fungi:-Blue stain fungi-Hyphae
Field(s) of use	Outdoor UC2 and 3
Application method(s)	Closed system: pressure process - High pressure impregnation using CO2 as carrier
Application rate(s) and frequencies	120-160 g/m3 - - 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

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5. General directions for use

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

6. Other information