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ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT

Resistol 6220

Product type(s)

PT08: Wood preservatives

Authorisation number: 3590-1

R4BP asset number: BG-0031889-0000

1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the product

Trade name(s)	Resistol 6220
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1.2. Authorisation holder

Name and address of the authorisation holder	Name	YOU Solutions Germany GmbH
	Address	Seligmannallee 1 DE 30173 Hannover Germany
Authorisation number		3590-1
<i>R4BP asset number</i>		BG-0031889-0000
Date of the authorisation		13/05/2024
Expiry date of the authorisation		18/01/2034

1.3. Manufacturer(s) of the product

Name of manufacturer	Arch Timber Protection Ltd
Address of manufacturer	Wheldon Road WF10 2JT Castleford United Kingdom of Great Britain and Northern Ireland (the)
Location of manufacturing sites	Leeds Road HD2 1FG Huddersfield United Kingdom of Great Britain and Northern Ireland (the)

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

Active substance	3-iodo-2-propynylbutylcarbamate (IPBC)
Name of manufacturer	You Solutions Germany GmbH
Address of manufacturer	Nattermannalle 1 50829 Cologne Germany
Location of manufacturing sites	Industriepark D 56593 Horhausen Germany

Active substance	3-iodo-2-propynylbutylcarbamate (IPBC)
Name of manufacturer	Troy Chemical Company BV
Address of manufacturer	Poortweg 4C 2612PA Delft Netherlands (the)
Location of manufacturing sites	Industriepark D 56593 Horhausen Germany

Active substance	Permethrin
Name of manufacturer	LANXESS Deutschland GmbH
Address of manufacturer	Kennedyplatz 1 50569 Cologne Germany
Location of manufacturing sites	Plot # 306/3 II Phase, GIDC, Vapi 396195 Gujarat India

Active substance	Permethrin
Name of manufacturer	Tagros Chemicals India Limited
Address of manufacturer	Jhaver Centre, IV Floor, Rajha Annamalai Building, N o. 72, Marshalls Road, Egmore 600 008 Chennai India

Location of manufacturing sites	A4 / 1 & 2 Sipcot Industrial Complex, Pachayankuppam 607005 Tamil Nadu India
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Active substance	Penflufen
Name of manufacturer	LANXESS Deutschland GmbH
Address of manufacturer	Kennedyplatz 1 50569 Köln, Deutschland 50569 Cologne Germany
Location of manufacturing sites	Alte Heerstr. 41538 Dormagen 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 (%)
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	0,66 % (w/w)
Permethrin		active substance	52645-53-1	258-067-9	1,66 % (w/w)
Penflufen		active substance	494793-67-8		0,29 % (w/w)
2-phenoxyethanol		Non-Active substance	122-99-6	204-589-7	2,8 % (w/w)
isotridecanol, ethoxylated		Non-Active substance	69011-36-5	500-241-6	6,67 % (w/w)
diethylene glycol monophenyl ether		Non-Active substance	104-68-7		1,4 % (w/w)

2.2. Type(s) of formulation

SL Soluble concentrate

3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H318: Causes serious eye damage. H317: May cause an allergic skin reaction. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.
Precautionary statements	P264: Wash face, hands and any exposed skin thoroughly after handling. P280: Wear eye protection. P280: Wear face protection. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P280: Wear protective gloves. P302+P352: IF ON SKIN: Wash with plenty of water. P362+P364: Take off contaminated clothing and wash it before reuse. P501: Dispose of contents to approved waste disposal plant. P501: Dispose of container to approved waste disposal plant. P332+P313: If skin irritation occurs: Get medical attention. P310: Immediately call a doctor. P273: Avoid release to the environment. P391: Collect spillage.

4. AUTHORISED USE(S)

4.1. Use description

Table 1. Industrial Preventative Treatment

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Fungicide Insecticide
Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: house longhorn beetle Development stage: larvae Scientific name: Basidiomycetes: Basidiomycetes: Common name: brown rot fungi Development stage: no data Scientific name: <i>Reticulitermes</i> sp. Common name: subterranean termites Development stage: adults
Field(s) of use	indoor use outdoor use Resistol 6220 is a preventative wood preservative treatment against larvae of House longhorn beetle (e.g. <i>Hylotrupes bajulus</i>), brown rot fungi and termites (e.g. <i>Reticulitermes</i> Sp.). The intended uses for Resistol 6220 are applications of: Dipping-Deluge/Enclosed Spray - Preventative treatment of wood and constructional timbers (all categories) in Use Classes 1 & 2 The product can be applied to both softwood and hardwood. Use Class 1 (situation in which the wood or wood-based product is inside a construction, not exposed to the weather and wetting). Use Class 2 (situation in which the wood or wood-based product is under cover and fully protected from the weather but occasional, non-persistent, wetting may occur. This can include outdoor placement of timber under a roof to prevent any exposure to rain and driven rain).
Application method(s)	Method: Industrial Dipping Detailed description: Dipping can be carried out either by use of a dipping tank or in-line chain system. For the dipping tank, timbers are stacked and strap together. This is then lifted at an angle and submerged in the dilute Resistol 6220. Timbers remained submerged for a predetermined period, before they are lifted from the solution. The timber will remain aloft over the tank until its drip free or placed on a drip rack where the dripping solution can be collected and returned to the tank for re-use. Method: spraying Detailed description: For enclosed deluge systems the diluted ready to use product is applied in an enclosed chamber by means of flow coat or automatic spraying. Timber enters and exits the system on a conveyor with no manual handling. After application the timber continues on the conveyor belt where its automatically stack and allow to drip dry. Excess Chemical are returned to the tank for re-use.

Application rate(s) and frequency	Application rate: 6.46 g/m ² Dilution (%): 6.46-12.92% Number and timing of application: One application before timber is placed into service. Application rate: 6.46 g/m ² Dilution (%): 6.46-12.92% Number and timing of application: One application before timber is placed into service.
Category(ies) of users	industrial
Pack sizes and packaging material	HDPE IBC (1000L) HDPE IBC (640L)

4.1.1. Use-specific instructions

See General Instructions for Use

4.1.2. Use-specific risk mitigation measures

See General Instructions 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 General Instructions for Use

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

See General Instructions 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 General Instructions for Use

5. GENERAL DIRECTIONS FOR USE¹

5.1. Instructions for use

For industrial use only.

For the prevention of brown rotting fungi, House longhorn beetle (e.g. *hylotrupes bajulus*) and termites (e.g. *reticulitermes*)

The product is supplied as a concentrate to be applied to timber by dipping or enclosed deluge spray system after dilution with water.

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).

The IBC containing the Resistol 6220 is connected via a bottom locking run off valve directly to the treatment plant system. With the aid of automatic dosage equipment, concentrate is pumped from the IBC to the mixing tank or storage tank, along with the exact amount of water needed to make the relevant volume of treatment solution. The storage tank is topped up as required.

For enclosed deluge systems the diluted ready to use product is applied in an enclosed chamber by means of flow coat or automatic spraying. Timber enters and exits the system on a conveyor with no manual handling.

Dipping is conducted only in industrial dip plants with no manual dipping, i.e. all wood is mechanically handled during the process.

The product should be diluted with water and applied at a retention rate as follows: -

Expressed as g/m^2 as concentrate applied to the timber surface

Dipping

Dilute to 6.46 to 12.92 %.

-Use class 1 and 2 Retentions: 6.46 g/m^2

Deluge/ Enclosed Spray

Dilute to 6.46 to 12.92%

Use class 1 and 2 Retentions: 6.46 g/m^2

5.2. Risk mitigation measures

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Wear gloves, coveralls and eye protection when handling the concentrate

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Wear gloves and coveralls during application. For automated dipping, new gloves must be worn every cycle.

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

IF INHALED: If symptoms occur call a POISON CENTRE or a doctor.

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow.

Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Take off all contaminated clothing and wash it before reuse. Wash skin with soap and water. If skin irritation or rash occur: Get medical advice.

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

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

Environmental precautions: Shut off source of leak if safe to do so. If spillage occurs at a timber treatment plant site follow on site emergency procedures. If contamination of drainage systems or water course occurs, immediately inform appropriate authorities.

Clean-up methods: Recover the product where possible. Absorb spillage in earth or sand. Place in an appropriate container. Seal containers and label them. Remove contaminated material to safe location for subsequent disposal.

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

Rinse empty container with water and reuse water in treatment process.

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

Shelf life of 2 years

6. OTHER INFORMATION