

TARATEK[®] IP ANTI-SAPSTAIN FUNGICIDE

1.0 Description

1.1 Constituents

Benzalkonium chloride (BAC): 500 g/L

Propiconazole: 50 g/L

IPBC (iodocarb): 50 g/L

Surfactants and inert ingredients: Balance

1.2 Formulation Water soluble concentrate

1.3 Appearance amber coloured liquid

1.4 Density 0.98/mL @ 20°C

1.5 pH 7

2.0 Function

2.1 General

TarateK[®] IP Anti-sapstain Fungicide is an advanced metal free wood protection formulation incorporating modern, biodegradable fungicides to control sapstain, mould and decay fungi during storage and seasoning of sawn timber. TarateK[®] IP is suitable for immersion, deluge or spray application.

2.2 Mode of Action

TarateK[®] IP contains a combination of BAC, a compound that rapidly fixes to timber, and complimentary biocides to provide broad spectrum fungicidal protection. Protection period may be from 1 to 4 months depending on application rate and severity of conditions.

3.0 Directions for Use

3.1 General

TarateK[®] IP should be diluted with clean water and applied to all wood surfaces IMMEDIATELY after sawing.

3.2 Recommended Procedures

The concentrate can be added to clean water with agitation to form a clear solution. Once formed, the solution does not settle and does not require agitation. Tanks containing dilute TarateK[®] IP solution should be kept free of excess sawdust and dirt. Consult Lonza for further design and engineering details recommended for optimal operation.

3.3 Application to Timber

Timber to be treated should be free of stain, mould and decay. TarateK[®] IP should be applied with an even coverage of ALL wood surfaces. Treatment will NOT remove sapstain from timber that is already infected. Excess solution should be recovered and returned to the application system.

3.4 Recommended Solution Strengths

Sawn timber - mild conditions 0.5% to 0.8% v/v

- severe conditions 1.0% to 2.0% v/v

- green export timber 2.0% to 3.0% v/v

These dilution rates are given for guidance only. It may be necessary to adjust the concentration to allow for local conditions, storage time, seasonal variations, timber species and application methods.

3.5 Other Recommendations

Antifoam additive may be required depending on the solution strength and application system. Do NOT mix TarateK[®] IP with any other chemicals except under guidance from Lonza.

4.0 Safety and Handling

4.1 General

TarateK[®] IP concentrate may be corrosive to the eyes and skin. Solutions may irritate the eyes and skin. Please refer to the Material Safety Data Sheet.

4.2 Handling the Product

Avoid contact with the product. Protective clothing of overalls, boots, impervious gloves and goggles should be worn at all times when handling TarateK[®] IP concentrate and solutions. Wash exposed skin after handling and before breaks.

4.3 Safety and First Aid

In case of eye contact, flush eyes with cool water for 15 minutes. In case of skin contact remove contaminated clothing, wash skin with soap and water. If swallowed, DO NOT INDUCE VOMITING. Seek medical attention immediately. Consult MSDS for further information.

5.0 Transport and Storage

5.1 Transport

UN Number 1760; Corrosive liquid, n.o.ds. (benzalkonium chloride), Dangerous Good Class: 8.

5.2 Storage

Store in original labelled container in a secure place. See MSDS for further details.

5.3 Spills and Disposal

Wear protective clothing. Recover free liquid, absorb remainder with sand, clay or vermiculite. Dispose of material at an approved site. Triple rinse empty containers and dispose of to landfill.

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