

TARATEK[®] LT ANTI-SAPSTAIN FUNGICIDE

1.0 Description

1.1 Constituents

Dichloro-octyl-isothiazolinone (DCOIT):	133 g/L
Propiconazole:	33 g/L
Tebuconazole:	33 g/L
Surfactants and inert ingredients:	Balance

1.2 Formulation	Suspension concentrate
1.3 Appearance	Opaque, brown coloured liquid
1.4 Density	1.04 g/mL @ 20°C
1.5 pH	7

2.0 Function

2.1 General

Taratek[®] LT 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 transport of timber and wood products. Taratek[®] LT is particularly suitable for timber and wood products that are containerised for export destinations.

2.2 Mode of Action

Taratek[®] LT contains a combination of DCOIT, a highly effective anti-mould active, and complimentary biocides to provide broad spectrum mould and fungicidal protection. The DCOIT is present in a micro-encapsulated form which provides a slow release mechanism for long term protection. Protection period may be 6 months or more depending on the application rate and severity of conditions.

3.0 Directions for Use

3.1 General

Shake or agitate containers before dispensing product concentrate. Taratek[®] LT should be diluted with clean water and applied to all wood surfaces IMMEDIATELY after sawing or processing.

3.2 Recommended Procedures

The concentrate is diluted in clean water with gentle agitation to form a dispersion. The treatment solution may require agitation after standing for more than 1 hour. Solutions re-disperse readily with gentle agitation. The treatment solution should be kept free of excess sawdust and dirt. Treatment by packet dipping process is recommended. 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[®] LT solution should be applied to ensure an even coverage of ALL wood surfaces. Treatment will NOT remove sapstain from timber that is already infected. Excess solution from drippage from timber after treatment should be recovered and returned to the application system.

3.4 Recommended Solution Strengths

Sawn timber - mild conditions	0.5% to 1.0% v/v
- severe conditions	1.0% to 2.0% v/v
- green export timber	1.5% 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[®] LT with any other chemicals except under guidance from Lonza.

4.0 Safety and Handling

4.1 General

Taratek[®] LT concentrate may be corrosive to the eyes and skin. Solutions may irritate the eyes and skin. DCOIT and the product are considered to be a contact sensitiser – may cause an allergic skin reaction. Refer to the Material Safety Data Sheet before using the product or opening containers.

4.2 Handling the Product

Avoid contact with the product and treatment solutions. Protective clothing of overalls, boots, impervious gloves and goggles must be worn at all times when handling Taratek[®] LT concentrate, treatment solutions and freshly treated wood products. Wash exposed skin after handling and before breaks.

4.3 Safety and First Aid

In case of poisoning or contact seek medical attention immediately. In case of eye contact, flush eyes with cool water for 15 minutes. In case of skin contact immediately remove contaminated clothing and rinse skin with copious water. Wash any contaminated clothing or personal protection equipment before re-use. If swallowed, DO NOT INDUCE VOMITING. Consult MSDS for further information.



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5.0 Transport and Storage

5.1 Transport

UN Number 1760; Corrosive liquid, n.o.s. (contains DCOIT), 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

The product and treatment solutions are highly toxic aquatic life. Prevent spills going down drains or entering waterways. 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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