

Description

CASACIDE T200 is a fully formulated concentrated liquid biocide containing 30 % TCMTB (2-(Thiocyanomethylthio) benzothiazole) as the active ingredient. **CASACIDE T200** does not contain any potentially environmentally hazardous solvents. Upon dilution, the product produces stable water based emulsions, which in combination with the blend of surface active agents, results in excellent surface contact and penetration into a wide range of organic materials.

CASACIDE T200 is stable in both acidic and mildly alkali conditions, thus enabling it to be used in a broad range of industrial applications.

CASACIDE T200 is a highly effective fungicide that also possesses good bactericidal and algicidal properties.

Product Properties and Specification

Commercial Product Name	CASACIDE T200
Assay	30 % TCMTB A.I.
Appearance	brown liquid
pH (2 % w/w in distilled H ₂ O)	typically 3.1
Specific Gravity	1.17 at 20°C
Odour	faint
Flash Point	>93°C (PMCC)
Freezing Point	<-5°C
Stability	stable under normal storage conditions. Decomposes when exposed to temperatures above 60°C for long periods of time. Rapid thermal breakdown after 4 hours at temperatures over 100°C.
Solubility	dispersible in water

Applications

CASACIDE T200 is used in the processing of leather where fungal attack is a particular problem and long term preservation of wet hides and skins is required. **CASACIDE T200** is typically added during the pickling / washing stages of hide processing to ensure early protection. The product can also be added during the tanning stage of leather production to impart long lasting protection to the leather throughout its lifetime. The specially formulated blend of surface active agents in **CASACIDE T200** ensure good penetration of the biocide into the substrate, an essential property for the effective long-term protection of leather.

CASACIDE T200 can be used to prevent microbiological contamination in the production of paper products. The product ensures excellent slimicide and algicide control of both pulp and process backwater systems. **CASACIDE T200** is stable over a broad pH range, thus allowing its effective use in neutral / alkaline paper sizing processes.

CASACIDE T200 can be used in industrial cooling water applications. Its broad spectrum activity allows it to be used in both a "slug" dosage configuration for highly contaminated systems, or in lower application levels for routine usage.

CASACIDE T200 has proven effective for both in-can and thin film protection in surface coatings applications.

Key Features of CASACIDE T200

- **CASACIDE T200** contains 30 % TCMTB, an extensively proven broad spectrum biocide.
- **CASACIDE T200** is easy to handle as it does not contain any hydrocarbon solvents.
- **CASACIDE T200** produces stable emulsions upon dilution with water.
- **CASACIDE T200** provides both short-term and long-term protection for leather products.
- **CASACIDE T200** is stable in both acid and mildly alkali media, thus extending its range of biocidal applications in the leather industry.
- **CASACIDE T200** is a high strength TCMTB formulation with proven biocidal protection of wet blue hides.
- **CASACIDE T200** can be supplied with a specially developed ultraviolet additive for easy on the spot traceability of the TCMTB active ingredient.

Availability

CASACIDE T200 is available in (net weights) 25 kg and 250 kg drums, 1000 kg IBC, or other pack sizes upon request. For further details and information on other **CASACIDE** products and formulations for specific end-use industrial applications, please contact the sales department at Thomas Swan & Co Ltd.