

Description

CASACIDE T300 is a mobile liquid containing 60% TCMTB (2-(Thiocyanomethylthio) benzothiazole), a non-metallic organosulphur compound with excellent fungicidal and bactericidal activity. The product is stable in both acidic and alkali media and can be used in a single formulation or combined with other active ingredients.

CASACIDE T300 can be formulated with a range of surface active agents which can form stable emulsions when diluted further with water.

CASACIDE T300 has been developed to ensure that it remains a free flowing liquid for ease of handling.

Chemical Composition

Active Ingredient	2-(Thiocyanomethylthio) benzothiazole (TCMTB)
Formula	$C_9H_6N_2S_3$
CAS Number	21564-17-0
EINECS Number (EU)	224-445-0
ENCS Number (Japan)	5-3424
ECL Number (Korea)	KE33783

Properties

Commercial Product Name	CASACIDE T300
Appearance	dark orange liquid
Specific Gravity	1.26 - 1.28 at 25°C (typical)
Odour	faint
Flash Point	99°C
Stability	Stable under normal storage conditions. Decomposes at temperatures above 60°C
Viscosity (25°C)	58 cps

Specification

Assay (as TCMTB)	60 % A.I.
Solvent Solubility	miscible with most organic solvents

Application

CASACIDE T300 contains 60 % TCMTB as an active ingredient and is a proven powerful fungicide for use in the processing of leather. The acid/ alkali stability of TCMTB enables **CASACIDE T300** to be used in all stages of leather processing and production. Typically **CASACIDE T300** is converted to a 30 % A.I. emulsifiable concentrate which is then further diluted with water for use in the tannery. Formulations containing TCMTB are normally added during the pickling / washing stages to ensure early effective fungicidal and bactericidal protection for the hides. Further addition of TCMTB during the tanning process ensures long-lasting protection for the finished leather product.

Key Features of CASACIDE T300

- **CASACIDE T300** contains a certified 60% TCMTB as active ingredient and has been proven to be an effective broad spectrum biocide.
- **CASACIDE T300** is a mobile liquid form of TCMTB for ease of handling and application.
- **CASACIDE T300** can be formulated to produce stable emulsions in water.
- **CASACIDE T300** is readily formulated with a range of surface active agents.
- **CASACIDE T300** is stable in both acid and alkali media, thus extending its range of industrial biocidal applications.

Availability

CASACIDE T300 is available in either 250 kg drums or 1000 kg (net weight) IBC; other pack sizes are available upon request.

Further details and information on **CASACIDE T300**, and other Casacide products and formulations for specific end-use industrial applications, please contact the Sales and Marketing Department at Thomas Swan & Co. Ltd.