

METHYLENE BIS THIOCYANATE (MBT)

CHEMICAL INFORMATION

Molecular Formula: CH₂(SCN)₂

Molecular Weight: 130

CAS No.: 6317-18-6

DESCRIPTION

Methylene Bis Thiocyanate is a light yellow acicular crystalline chemical. Its melting point is 100-104°C, sight soluble in other organic solvents, soluble in water at the degree of 0.4%, and stable under acid conditions.

SPECIFICATION:

Appearance	Pale Yellow free flowing powder / Crystals
Melting Point	101°C minimum
Assay	98% minimum
Moisture	0.5% maximum
Acetone Insolubles	1.0% maximum
Inorganic Salts	1.0% maximum

APPLICATIONS:

1. Control of microbial activity in cooling water systems.
2. Control of slime in Pulp & Paper Manufacturing.
3. Preservation of paints, adhesives, synthetic polymer lattices and latex emulsions.
4. Anti-microbial treatment of water thinned products, thickeners and slurries.
5. Preservation of wood and wood products.
6. Preservation of Leather and Leather products.
7. Oil well brines and drilling mud.

STORAGE LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers.

HANDLING PRECAUTIONS

Refer to the Material Safety Data Sheet for Bronopol.

It is assured that users of our products will themselves determine the suitability of these products for their own particular purpose, and it is stressed that the information given herein are suggestions for user's guidance only, and are not intended as recommendations, neither are any of the statements made to be construed as recommendations for the infringement of any patent.