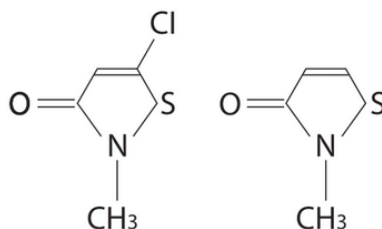




## Technical Data Sheet



### Isothiazolin

Row	Parameter	Result
1	Appearance	Colorless to pale yellow liquid
2	RF (20 °C)	1.3730-1.3810
3	Density (20 °C )	1.170-1.230 g/ ml
4	Density (25 °C )	1.166-1.266 g/ ml
5	PH (25 °C )	1.50-3.0
6	MIT	0.35-0.45 %
7	CIT	1.08-1.2 %
8	Water Content	73.000-77.000 %
9	Mg- Nitrate	21.0-25.0 %

- Chemical Name: 5-Chloro-2-methyl-4-isothiazolin-3-one
- CAS Number: 26172-55-4
- Molecular Formula: C<sub>4</sub>H<sub>4</sub>ClNOS
- Molecular Weight: 149.60

- Chemical Name: 2-Methyl-4-isothiazolin-3-one
- CAS Number: 2682-20-4
- Molecular Formula: C<sub>4</sub>H<sub>5</sub>NOS
- Molecular Weight: 115.16

**Applications:** Isothiazolin used to control bacteria, fungi, and algae in detergents, cooling water systems, fuel storage tanks, pulp and paper mill water systems, oil extraction systems, wood preservation, and some paints. They are antifouling agents.

