

CIT/MIT-14

Preservative

CIT/MIT 14 is a liquid biocide and has been used as a preservative in a variety of industrial applications, which include water treatment, paper and pulping, cooling tower, waste water, wash water, water based coatings such as paints, slurries, dispersed pigments, adhesives, latex emulsion. The active ingredient provides broad-spectrum activity against common bacteria, algae, and fungi. CIT/MIT 14 is approved by EPA for industrial applications. It is highly recommended for water containing systems with PH 2 to 9. It also can be used to formulate many different concentrations of CIT/MIT.

Physical and chemical properties :

Active ingredient	2-Methyl-Isothiazolin-3-one(MIT) 5-Chloro-2-Methyl-Isothiazolin-3-one(CIT)
Concentration	14.0
Appearance	Clear, yellow solution
Stability	Stable for 1 year @25°C

Applications and Application Methods:

CIT/MIT 14 is widely used in pulp/paper, Industrial water, waste water, personal cares, paints, slurries, dispersed pigments, adhesives, latex emulsion, processing water and other neutral PH water containing systems. CIT/MIT 14 can be added at any stages of the production.

Dosage:

Typical use concentrations are in the range of 0.02-0.3%(w/w) in the final products. It should be noticed that a good manufacturing practice should be applied and equipment, pipes, and storage tanks should be sanitized by CIT/MIT 14 regularly.

Handling and Storage:

Use of personal protective equipment such as chemical impervious gloves for hands, safety goggles and shields for eyes are strongly advised. If the product comes in contact with the skin, wash immediately with plenty of water. In case of eye contact, rinse immediately with plenty of water and seek medical attention. The product should be stored at room temperature.

Packaging:

25kg, 250kg plastic drums, or subject to requirement.