

CHANGZHOU KOYE CHEMICAL CO.,LTD

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Isothiazolinone14% (KW560) CAS NO.:55965-84-9

KW560 14% is a liquid biocide and has been used as a bactericide 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. It is highly recommended for water containing systems with pH 2 to 9. It also can be used to formulate many different concentrations of Isothiazolinone14%.

Physical and Chemical Properties:

Active Ingredient	Isothiazolinone14%
Content	14.0 %min
5-Chloro-2-Methyl-Isot hiazolin-3-one (CMIT)	10.-12.0%
2-Methyl-Isothiazolin-3 -one (MIT)	3.0-5.0%
CMIT TO MIT Ratio	2.5-4.0
Appearance	Clear pale yellow solution
PH	1.0-4.0
Density	1.27-1.33
Stability	Stable for 1 year @ 25 °C

Applications and Application Methods:

Isothiazolinone 14% is widely used in pulp/paper, industrial water, waste water, paints, slurries, dispersed pigments, adhesives, latex emulsion, processing water and other neutral pH water containing systems. Isothiazolinone14% 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 practices should be applied and equipment, pipes, and storage tanks should be sanitized by Isothiazolinone14% 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

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immediately with plenty of water and seek medical attention. The product should be stored at room temperature.

Packaging:

250kg plastic drums, or subject to requirement.

Transportation:

This is 8 class dangerous goods .UN 2922. PG: II, It should be shipped as the dangerous goods.