

## Technical Data Sheet

Name: IFCA-B10

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### Product Description

IFCA-B10 is a new type of environmentally friendly temperature and alkali resistant preservative, the main component is benzisothiazolinone, which can be widely used in coatings, polymer synthetic emulsions, papermaking and other aqueous systems, the main active ingredient is BIT, the chemical name of which is 1,2-benzisothiazolin-3-one.

### Properties

1. It can kill many kinds of bacteria, yeasts and molds, and the concentration of 0.1-0.2% can achieve a good effect of bacterial inhibition.
2. Good compatibility with various emulsifiers, surfactants and other ingredients, soluble in any proportion of alcohol and water.
3. The applicable pH range is wider than similar products, pH 2.0-12.0 can be used.
4. Strong stability: no change in -20°C to 50°C storage for one year.
5. Low toxicity, does not contain heavy metals and halogen compounds.
6. Stable to amine compounds, no formaldehyde, low odor.

### Applications

Widely used in coatings, waterborne polymers, papermaking, metal cutting fluids, adhesives, inks, water treatment agents, etc.

### Precautions

This product can be added in any process, but should try to avoid adding in conditions above 80 °C, it is recommended to add in the last process below 80 °C. Corrosive, wear protective clothing, rubber gloves and eye protection and masks, avoid contact with skin, eyes and mucous membranes, if contacted, immediately rinse with plenty of water for 15-20 minutes, and seek medical attention.

### Storage

The product should be stored in dry condition between 5~35°C with the integrity of the packaging, and prevented from direct sunlight. This product should not be in contact with reducing metals (such as metal iron, aluminum, etc.) during storage, and should not be in contact with oxidizing or reducing substances. The validity of this product is for 24 months, performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage. It is suggested to filter before application and use up once the package is open.

## **Disclaimer**

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